

## FASTON Receptacles

### Product Facts

- Full line of premier, budget, LIF, moldable and hermetic uninsulated receptacles
- Straight, right-angle and receptacle and tab combinations available
- Receptacles available in .312, .250, .205, .187, .125 and .110 sizes
- Available in 8-30 AWG wire ranges
- Receptacles mate with .032 and .020 thick tabs
- Available with or without secondary wire support
- Base materials brass, phosphor bronze and steel available
- Tin, silver and nickel plated products available
- Products designed and manufactured to meet UL 310 specifications
- Products designed and manufactured to meet CSA C22.2 specifications



TE offers a full line of uninsulated quick connects. We offer products for a wide variety of applications in almost every market and industry we serve. It is important to choose the correct terminal for each application. The following is a list of application specific characteristics that must be considered when determining the best terminal for each individual application.

#### Mating Tab

Size (.312, .250, .205, .187, .110, etc.)

#### Wire Type

Magnet or stranded

#### Wire Orientation

Straight or flag

#### Temperature/Environment

Base metal plating requirements

#### Insulator required

Pre-insulated housing required

#### Agency Approvals (UL/CSA)

#### Application

Continuous strip or loose piece

#### Special Applications

Moldable  
Hermetic  
Printed circuit board  
Piggyback (straight/flag)  
Reversible flags  
Center strip  
Positive locking

## 312 Series Receptacles

### Straight Receptacles, Insulation Support



A — Premier Line



B — Low Insertion Force


Mating 312 Series Tab Dimensions  
Dimple (Both Sides)

| Wire Range<br>AWG | Style | Tab Fit      | Insulation<br>Diameter        | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|-------------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 18-14             | A     | .032<br>0.81 | .090-.130<br>2.29-3.30        | Brass                   | .016<br>0.41       | .900<br>22.86         | —  | X  | X  | 62092-1                 |
|                   | A     | .032<br>0.81 | .110-.210<br>2.79-5.33 or (2) | Brass,<br>Tin Plated    | .016<br>0.41       | .900<br>22.86         | —  | X  | X  | 61399-1                 |
| 16-12             | B     | .032<br>0.81 | .110-.210<br>2.79-5.33 or (2) | Brass,<br>Tin Plated    | .016<br>0.41       | .900<br>22.86         | —  | X  | X  | 63677-1                 |
|                   | B     | .032<br>0.81 | .110-.210<br>2.79-5.33 or (2) | Brass                   | .016<br>0.41       | .900<br>22.86         | —  | X  | X  | 63677-2                 |
| 14-10             | A     | .032<br>0.81 | .150-.200<br>3.81-5.08        | Brass,<br>Silver Plated | .018<br>0.46       | .900<br>22.86         | —  | X  | X  | 63820-1                 |

## 250 Series Receptacles

### Straight Receptacles, Insulation Support



A — Premier Line



B — Budget Line



C — Economy Line



D — Moldable Line

| Wire Range<br>AWG | Style | Tab Fit      | Insulation<br>Diameter | Material<br>and Finish | Stock<br>Thickness | L<br>(Overall Length) | UL             | UL | SP             | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|------------------------|--------------------|-----------------------|----------------|----|----------------|-------------------------|
| 26-22             | C     | .032<br>0.81 | .040-.060<br>1.02-1.52 | Brass                  | .016<br>0.41       | .755<br>19.18         | X <sup>1</sup> | —  | X <sup>1</sup> | 61202-1                 |
| 24-20             | A     | .032<br>0.81 | .030-.070<br>0.76-1.78 | Brass,<br>Tin Plated   | .016<br>0.41       | .755<br>19.18         | X <sup>2</sup> | —  | X <sup>2</sup> | 61368-1                 |
|                   | A     | .032<br>0.81 | .060-.100<br>1.52-2.54 | Brass                  | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42640-1                 |
|                   | A     | .032<br>0.81 | .060-.100<br>1.52-2.54 | Brass,<br>Tin Plated   | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42640-2                 |
|                   | A     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                  | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 41771                   |
|                   | A     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated   | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 41772                   |
| 22-18             | B     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                  | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42510-1                 |
|                   | B     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated   | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42510-2                 |
|                   | C     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                  | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42743-1                 |
|                   | C     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated   | .016<br>0.41       | .755<br>19.18         | X              | —  | X              | 42743-2                 |
|                   | D     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                  | .016<br>0.41       | .755<br>19.18         | —              | —  | —              | 63127-1                 |

<sup>1</sup> UL listed and CSA certified for 22 AWG.

<sup>2</sup> UL listed and CSA certified for 22-20 AWG.

<sup>3</sup> Mates with a .020 [0.51] thick tab.

<sup>4</sup> 9,600 CMA max.

<sup>5</sup> UL/CSA - 10 AWG only.

<sup>6</sup> Stress relieved.

<sup>7</sup> Recommended for external use only.

<sup>8</sup> Recommended for internal or external use.

**Note:** All part numbers are RoHS compliant.

## 250 Series Receptacles (Continued)

### Straight Receptacles, Insulation Support

(Continued)



| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 22-18             | E     | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                   | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 63693-1 <sup>6</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                   | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 63609-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated    | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 63609-2                 |
|                   | A     | .020<br>0.51 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 63655-1 <sup>3</sup>    |
|                   |       | .032<br>0.81 | .060-.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 61375-1                 |
|                   |       | .032<br>0.81 | .060-.110<br>1.52-2.79 | Steel,<br>Nickel Plated | .016<br>0.41       | .755<br>19.18         | —  | —  | —  | 63688-1                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Steel,<br>Nickel Plated | .016<br>0.41       | .755<br>19.18         | —  | X  | X  | 42219-1                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 41202                   |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 41274                   |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .016<br>0.41       | .750<br>19.05         | X  | —  | X  | 42400-1                 |
| 18-14             | B     | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .016<br>0.41       | .750<br>19.05         | X  | —  | X  | 42400-2                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Silver Plated | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 61107-1 <sup>6</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 42660-1                 |
|                   | C     | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 42660-2                 |
|                   |       | .032<br>0.81 | .150-.210<br>3.81-5.33 | Brass                   | .016<br>0.41       | .780<br>19.81         | X  | —  | X  | 42692-1                 |
|                   |       | .032<br>0.81 | .150-.210<br>3.81-5.33 | Brass,<br>Tin Plated    | .016<br>0.41       | .780<br>19.81         | X  | —  | X  | 42692-2                 |
|                   | D     | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .016<br>0.41       | .750<br>19.05         | X  | —  | X  | 60650-1                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .016<br>0.41       | .750<br>19.05         | X  | —  | X  | 60650-2                 |
|                   |       | .020<br>0.51 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .018<br>0.46       | .775<br>19.69         | X  | —  | X  | 63993-1 <sup>3,6</sup>  |
|                   | E     | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 63537-1 <sup>6</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .018<br>0.46       | .755<br>19.18         | X  | —  | X  | 63537-2 <sup>6</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Steel,<br>Nickel Plated | .016<br>0.41       | .755<br>19.18         | —  | X  | X  | 63674-1 <sup>6</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                   | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 63306-1                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .016<br>0.41       | .755<br>19.18         | X  | —  | X  | 63306-2                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Steel,<br>Nickel Plated | .016<br>0.41       | .755<br>19.18         | —  | X  | —  | 1742198-1               |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Steel,<br>Nickel Plated | .016<br>0.41       | .755<br>19.18         | —  | X  | —  | 1742198-1               |

<sup>1</sup> UL listed and CSA certified for 22 AWG.

<sup>2</sup> UL listed and CSA certified for 22-20 AWG.

<sup>3</sup> Mates with a .020 [0.51] thick tab.

<sup>4</sup> 9,600 CMA max.

<sup>5</sup> UL/CSA - 10 AWG only.

<sup>6</sup> Stress relieved.

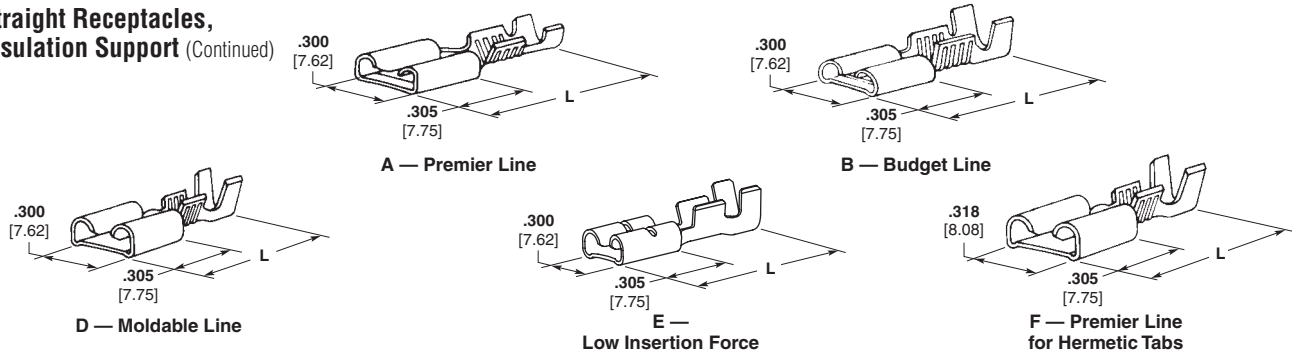
<sup>7</sup> Recommended for external use only.

<sup>8</sup> Recommended for internal or external use.

**Note:** All part numbers are RoHS compliant.

## 250 Series Receptacles (Continued)

### Straight Receptacles, Insulation Support (Continued)



| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter                          | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | CSA | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|-------------------------------------------------|-------------------------|--------------------|-----------------------|----|-----|----|-------------------------|
| 18-14             | F     | .032<br>0.81 | .120-.170<br>3.05-4.32                          | Brass                   | .018<br>0.46       | .750<br>19.05         | X  | —   | X  | 62500-1 <sup>7</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32                          | Brass,<br>Tin Plated    | .018<br>0.46       | .750<br>19.05         | X  | —   | X  | 62500-2 <sup>7</sup>    |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32                          | Phos Brz,<br>Tin Plated | .018<br>0.46       | .750<br>19.05         | X  | —   | X  | 41774 <sup>8</sup>      |
| 16-12<br>(2) 16   | B     | .032<br>0.81 | .160-.210<br>4.06-5.33<br>.130<br>(2) 3.30      | Brass                   | .016<br>0.41       | .750<br>19.05         | X  | —   | X  | 63896-1                 |
| 16-12             | A     | .032<br>0.81 | .210-.265<br>5.33-6.73                          | Steel,<br>Nickel Plated | .018<br>0.46       | .830<br>21.08         | —  | X   | X  | 42579-1                 |
| 16-12<br>(2) 18   | A     | .032<br>0.81 | .210-.265<br>5.33-6.73<br>(2) .120<br>3.05 Max. | Brass                   | .018<br>0.46       | .820<br>20.93         | X  | —   | X  | 41727                   |
|                   |       |              |                                                 | Brass,<br>Tin Plated    | .018<br>0.46       | .820<br>20.93         | X  | —   | X  | 41728                   |
|                   | E     | .032<br>0.81 | .210-.265<br>5.33-6.73<br>(2) .120<br>3.05 Max. | Brass                   | .018<br>0.46       | .755<br>19.18         | X  | —   | X  | 63757-1                 |
|                   |       |              |                                                 | Steel,<br>Nickel Plated | .018<br>0.46       | .755<br>19.18         | —  | X   | X  | 63757-2                 |
| 14-10             | A     | .032<br>0.81 | .150-.200<br>3.81-5.08                          | Brass                   | .018<br>0.46       | .770<br>19.56         | X  | —   | X  | 41449 <sup>4</sup>      |
|                   |       |              |                                                 | Brass,<br>Tin Plated    | .018<br>0.46       | .770<br>19.56         | X  | —   | X  | 41450 <sup>4</sup>      |
|                   | B     | .032<br>0.81 | .150-.200<br>3.81-5.08                          | Brass,<br>Silver Plated | .018<br>0.46       | .750<br>19.05         | X  | —   | X  | 61095-1 <sup>4</sup>    |
|                   |       |              |                                                 | Brass,<br>Silver Plated | .018<br>0.46       | .755<br>19.18         | X  | —   | X  | 63435-1 <sup>4,6</sup>  |
|                   | E     | .032<br>0.81 | .150-.200<br>3.81-5.08                          | Brass                   | .018<br>0.46       | .775<br>19.69         | X  | —   | X  | 63365-1 <sup>4</sup>    |
|                   |       |              |                                                 | Brass,<br>Tin Plated    | .018<br>0.46       | .775<br>19.69         | X  | —   | X  | 63365-2 <sup>4</sup>    |
|                   | F     | .032<br>0.81 | .150-.200<br>3.81-5.08                          | Brass,<br>Tin Plated    | .018<br>0.46       | .770<br>19.56         | X  | —   | X  | 42437-2 <sup>4,7</sup>  |
|                   |       |              |                                                 | Phos Brz,<br>Tin Plated | .018<br>0.46       | .770<br>19.56         | X  | —   | X  | 42437-5 <sup>4,8</sup>  |
|                   | A     | .032<br>0.81 | .225-.275<br>5.72-6.99<br>(2) .140<br>3.56      | Brass,<br>Tin Plated    | .018<br>0.46       | .775<br>19.69         | X  | —   | X  | 60635-1 <sup>4</sup>    |
|                   |       |              |                                                 | Brass,<br>Silver Plated | .018<br>0.46       | .775<br>19.69         | X  | —   | X  | 60635-2 <sup>4</sup>    |
|                   |       |              |                                                 | Brass                   | .018<br>0.46       | .775<br>19.69         | X  | —   | X  | 60635-3 <sup>4</sup>    |
| 14-10<br>(2) 14   | D     | .032<br>0.81 | .225-.275<br>5.72-6.99<br>(2) .140<br>3.56      | Brass,<br>Tin Plated    | .018<br>0.46       | .750<br>19.05         | —  | —   | —  | 63419-1 <sup>4,6</sup>  |
|                   | E     | .032<br>0.81 | .225-.275<br>5.72-6.99<br>(2) .140<br>3.56      | Brass,<br>Tin Plated    | .018<br>0.46       | .755<br>19.18         | X  | —   | X  | 63539-1 <sup>4,6</sup>  |
|                   |       |              |                                                 | Brass                   | .018<br>0.46       | .755<br>19.18         | X  | —   | X  | 63539-2 <sup>4,6</sup>  |

<sup>1</sup> UL listed and CSA certified for 22 AWG.

<sup>2</sup> UL listed and CSA certified for 22-20 AWG.

<sup>3</sup> Mates with a .020 [0.51] thick tab.

<sup>4</sup> 9,600 CMA max.

<sup>5</sup> UL/CSA - 10 AWG only.

<sup>6</sup> Stress relieved.

<sup>7</sup> Recommended for external use only.

<sup>8</sup> Recommended for internal or external use.

**Note:** All part numbers are RoHS compliant.

## 250 Series Receptacles (Continued)

### Straight Receptacles, Insulation Support (Continued)



A — Premier Line

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter                        | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | UL | Terminal<br>Part Number |
|-------------------|-------|--------------|-----------------------------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 12-10             | A     | .032<br>0.81 | .150-.200<br>3.81-5.08                        | Brass,<br>Tin Plated    | .018<br>0.46       | .775<br>19.69         | X  | —  | X  | 62428-2                 |
|                   |       | .032<br>0.81 | .150-.200<br>3.81-5.08                        | Phos Brz,<br>Tin Plated | .018<br>0.46       | .775<br>19.69         | X  | —  | X  | 62428-3                 |
| 10-8              | A     | .032<br>0.81 | .230-.280<br>5.84-7.11 or<br>(2) .160<br>4.06 | Brass,<br>Tin Plated    | .018<br>0.46       | .775<br>19.69         | X  | —  | X  | 62998-2 <sup>5</sup>    |

<sup>1</sup> UL listed and CSA certified for 22 AWG.

<sup>2</sup> UL listed and CSA certified for 22-20 AWG.

<sup>3</sup> Mates with a .020 [0.51] thick tab.

<sup>4</sup> 9,600 CMA max.

<sup>5</sup> UL/CSA - 10 AWG only.

<sup>6</sup> Stress relieved.

<sup>7</sup> Recommended for external use only.

<sup>8</sup> Recommended for internal or external use.

### Receptacle and Tab Combinations



A — Economy Line


B — Economy Line  
Non-Insulation Support

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish | Stock<br>Thickness     | L<br>(Overall Length) | UL | UL | UL | Terminal<br>Part Number  |
|-------------------|-------|--------------|------------------------|------------------------|------------------------|-----------------------|----|----|----|--------------------------|
| 22-18             | A     | .032<br>0.81 | .060-.100<br>1.52-2.79 | Brass                  | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 61988-1                  |
|                   |       | .032<br>0.81 | .060-.100<br>1.52-2.79 | Brass,<br>Tin Plated   | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 61988-2                  |
|                   |       | .032<br>0.81 | .060-.100<br>1.52-2.79 | Brass,<br>Tin Plated   | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 61988-3 <sup>2</sup>     |
| 18-14             | A     | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                  | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 61944-1                  |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated   | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 61944-2                  |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                  | .032-.016<br>0.81-0.41 | .770<br>19.56         | X  | —  | X  | 62109-1 <sup>1</sup>     |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated   | .032-.016<br>0.81-0.41 | .770<br>19.56         | X  | —  | X  | 62109-2 <sup>1</sup>     |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass                  | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 62223-1 <sup>2</sup>     |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32 | Brass,<br>Tin Plated   | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 62223-2 <sup>2</sup>     |
|                   |       | .032<br>0.81 | —                      | Pre-Tin Brass          | .015<br>0.38           | .610<br>15.49         | X  | —  | X  | 62276-1                  |
|                   |       | .032<br>0.81 | .150-.200<br>3.81-5.08 | Brass                  | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 62253-1 <sup>3</sup>     |
| 14-10             | A     | .032<br>0.81 | .150-.200<br>3.81-5.08 | Brass,<br>Tin Plated   | .015<br>0.38           | .770<br>19.56         | X  | —  | X  | 62253-2 <sup>3</sup>     |
|                   |       | .032<br>0.81 | .150-.200<br>3.81-5.08 | Brass,<br>Tin Plated   | .032-.016<br>0.81-0.41 | .770<br>19.56         | X  | —  | X  | 1217043-1 <sup>1,3</sup> |
|                   |       | .032<br>0.81 | —                      | Pre-Tin Brass          | .015<br>0.38           | .610<br>15.49         | X  | —  | X  | 62068-1 <sup>3</sup>     |

<sup>1</sup> Dual Thickness.

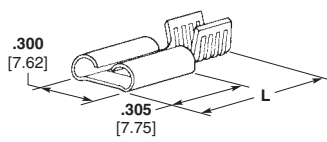
<sup>2</sup> Stress relieved.

<sup>3</sup> 9600 CMA Max.

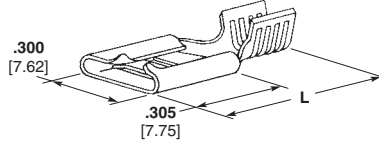
**Note:** All part numbers are RoHS compliant.

## 250 Series Receptacles (Continued)

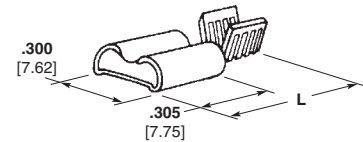
### Straight Receptacles, Non-Insulation Support



A — Premier Line



B — Economy Line



C — Moldable Line

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 18-14             | A     | .032<br>0.81 | —                      | Brass,<br>Tin Plated    | .018<br>0.46       | .655<br>16.64         | X  | —  | X  | 41194                   |
|                   |       | .032<br>0.81 | —                      | Steel,<br>Nickel Plated | .018<br>0.46       | .655<br>16.64         | —  | X  | X  | 41143-1                 |
|                   | B     | .032<br>0.81 | —                      | Brass                   | .016<br>0.41       | .595<br>15.11         | X  | —  | X  | 42845-1                 |
|                   |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated    | .016<br>0.41       | .595<br>15.11         | X  | —  | X  | 42845-2                 |
|                   | C     | .032<br>0.81 | —                      | Brass                   | .016<br>0.41       | .655<br>16.64         | X  | —  | X  | 60938-1                 |
|                   |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated    | .016<br>0.41       | .655<br>16.64         | X  | —  | X  | 60938-2                 |
|                   |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated    | .016<br>0.41       | .655<br>16.64         | —  | —  | —  | 63981-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated    | .016<br>0.41       | .655<br>16.64         | —  | —  | —  | 63981-1 <sup>1</sup>    |

<sup>1</sup> No dimple.

## 250 Series Tab-Lok Flags

### Flag Receptacles, Insulation Support



A — Premier Line



B — Budget Line



C — Economy Line

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter  | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|-------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 22-16             | C     | .032<br>0.81 | .070- .130<br>1.78-3.30 | Brass                   | .016<br>0.41       | .670<br>17.02         | X  | —  | X  | 63577-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass                   | .018<br>0.46       | .670<br>17.02         | X  | —  | X  | 41531                   |
| 18-12             | A     | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —  | X  | 41532                   |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —  | X  | 61156-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Steel,<br>Nickel Plated | .018<br>0.46       | .670<br>17.02         | —  | X  | X  | 41531-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Steel,<br>Nickel Plated | .016<br>0.41       | .670<br>17.02         | —  | X  | X  | 42404-1                 |
|                   | B     | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass                   | .016<br>0.41       | .670<br>17.02         | X  | —  | X  | 42511-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass,<br>Tin Plated    | .016<br>0.41       | .670<br>17.02         | X  | —  | X  | 42511-2                 |
|                   | C     | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass                   | .016<br>0.41       | .670<br>17.02         | X  | —  | X  | 42742-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33  | Brass,<br>Tin Plated    | .016<br>0.41       | .670<br>17.02         | X  | —  | X  | 42742-2                 |

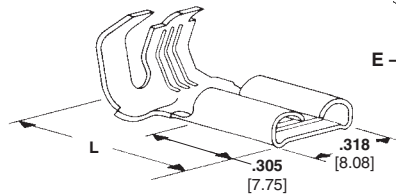
**Note:** All part numbers are RoHS compliant.

## 250 Series Tab-Lok Flags (Continued)

### Flag Receptacles, Insulation Support (Continued)



D — Moldable Line



F — Premier Line  
for Hermetic Tabs



E — Low Insertion Force  
(LIF)



G — Low Insertion Force  
(LIF)

| Wire Range<br>AWG | Style | Tab Fit      | Insulation<br>Diameter | Material<br>and Finish        | Stock<br>Thickness | L<br>(Overall Length) | UL | SA             | SP             | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|-------------------------------|--------------------|-----------------------|----|----------------|----------------|-------------------------|
| 18-12             | D     | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 60645-1 <sup>2</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .016<br>0.41       | .670<br>17.02         | X  | —              | X              | 60641-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .016<br>0.41       | .670<br>17.02         | X  | —              | X              | 63445-1                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Tin Plated          | .016<br>0.41       | .670<br>17.02         | X  | —              | X              | 63445-2                 |
|                   | E     | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Tin Plated          | .016<br>0.41       | .670<br>17.02         | X  | —              | X              | 63445-4 <sup>2</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Steel,<br>Nickel Plated       | .016<br>0.41       | .670<br>17.02         | —  | X <sup>1</sup> | X <sup>1</sup> | 63604-1 <sup>2</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 63555-1 <sup>2</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Tin Plated          | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 63555-2 <sup>2</sup>    |
|                   | F     | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 41800 <sup>4</sup>      |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 41801 <sup>3</sup>      |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Tin Plated          | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 41802 <sup>3</sup>      |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 42041 <sup>4</sup>      |
|                   | G     | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 60274-2 <sup>4,5</sup>  |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 63651-1 <sup>4,6</sup>  |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Steel,<br>Nickel Plated       | .016<br>0.41       | .670<br>17.02         | —  | X              | —              | 1742543-1 <sup>7</sup>  |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Tin Plated          | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 60851-1 <sup>3</sup>    |
| 12-10             | F     | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass,<br>Silver Plated       | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 60851-2 <sup>3</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Brass                         | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 60851-4 <sup>3</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 42563-6 <sup>4</sup>    |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Steel,<br>Nickel Plated       | .018<br>0.46       | .670<br>17.02         | —  | —              | —              | 42563-9                 |
|                   |       | .032<br>0.81 | .110-.210<br>2.79-5.33 | Phos Bronze,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 42563-8 <sup>4</sup>    |
|                   |       | .032<br>0.81 | .110-.265<br>2.79-6.73 | Brass                         | .018<br>0.46       | .670<br>17.02         | X  | —              | X              | 63617-1 <sup>6</sup>    |
|                   |       |              |                        |                               |                    |                       |    |                |                |                         |
|                   |       |              |                        |                               |                    |                       |    |                |                |                         |

<sup>1</sup> 18 AWG only.

<sup>2</sup> Stress relieved.

<sup>3</sup> Recommended for external use only.

<sup>4</sup> For internal or external use.

<sup>5</sup> Left handed flag.

<sup>6</sup> Non-stress relieved.

<sup>7</sup> UL Recognized 14-18 AWG.

**Note:** All part numbers are RoHS compliant.

## 250 Series Tab-Lok Flags (Continued)

### Flag Receptacles, Non-Insulation Support



A — Economy Line



B — Premier Line  
for Hermetic Tabs

| Wire Range<br>AWG  | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish     | Stock<br>Thickness | L<br>(Overall Length) | UL | RoHS | SP | Terminal<br>Part Number  |
|--------------------|-------|--------------|------------------------|----------------------------|--------------------|-----------------------|----|------|----|--------------------------|
| 18-12              | A     | .032<br>0.81 | —                      | Brass,<br>Pre-Tin Plated   | .016<br>0.41       | .600<br>15.24         | X  | —    | X  | 61177-2 <sup>3</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Pre-Tin Plated   | .016<br>0.41       | .600<br>15.24         | X  | —    | X  | 61177-3 <sup>4</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass                      | .016<br>0.41       | .600<br>15.24         | X  | —    | X  | 62091-1 <sup>5</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Pre-Tin Plated   | .016<br>0.41       | .600<br>15.24         | X  | —    | X  | 62091-2 <sup>5</sup>     |
|                    | B     | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .610<br>15.49         | X  | —    | X  | 62021-3 <sup>5</sup>     |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-1 <sup>1,3</sup>   |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-2 <sup>1,2,4</sup> |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-6 <sup>2,3</sup>   |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Tin Plated    | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-7 <sup>1,2,4</sup> |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-3 <sup>2,3</sup>   |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62056-4 <sup>4</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass                      | .016<br>0.41       | .670<br>17.02         | X  | —    | X  | 62011-1 <sup>5</sup>     |
| 12-10 or<br>(2) 14 | A     | .032<br>0.81 | —                      | Brass,<br>Pre-Tin Plated   | .016<br>0.41       | .670<br>17.02         | X  | —    | X  | 62011-2 <sup>5</sup>     |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62057-1 <sup>1,3</sup>   |
|                    | B     | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62057-3 <sup>3</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62057-4 <sup>4</sup>     |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62057-7 <sup>4</sup>     |
|                    |       | .032<br>0.81 | —                      | Pho. Brz,<br>Silver Plated | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62022-1 <sup>5</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62022-2 <sup>5</sup>     |
|                    |       | .032<br>0.81 | —                      | Brass,<br>Tin Plated       | .018<br>0.46       | .670<br>17.02         | X  | —    | X  | 62022-2 <sup>5</sup>     |

<sup>1</sup> For internal or external use.

<sup>2</sup> Reverse reel.

<sup>3</sup> Right handed flag.

<sup>4</sup> Left handed flag.

<sup>5</sup> Right or left handed. Carrier out front for through splicing.

**Note:** All part numbers are RoHS compliant.

## 250 Series F-Crimp Flags

### Flag Receptacles



| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter  | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | RoHS | Terminal<br>Part Number |
|-------------------|-------|--------------|-------------------------|-------------------------|--------------------|-----------------------|----|------|-------------------------|
| 22-18             | B     | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 62813-1                 |
|                   |       | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 62813-2                 |
|                   | A     | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 62814-1                 |
|                   |       | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 62814-2                 |
|                   | D     | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 62718-1                 |
|                   |       | .032<br>0.81 | .060 -.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 62718-2                 |
| 18-14 or<br>(2)18 | B     | .032<br>0.81 | .110-.200<br>2.79-5.08  | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63538-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | .110-.200<br>2.79-5.08  | Steel,<br>Nickel Plated | .016<br>0.41       | .540<br>13.72         | —  | X    | 63963-1                 |
| 18-14             | A     | .032<br>0.81 | .110-.160<br>2.79-4.06  | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63901-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | .110-.160<br>2.79-4.06  | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63901-2 <sup>1</sup>    |
|                   | B     | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63011-1                 |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63011-2                 |
|                   | A     | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63012-1                 |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63012-2                 |
|                   | E     | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63009-1                 |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63009-2                 |
|                   | D     | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63010-1                 |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63010-2                 |
|                   | C     | .032<br>0.81 | —                       | Brass                   | .016<br>0.41       | .430<br>10.92         | X  | —    | 63508-1 <sup>2</sup>    |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass                   | .016<br>0.41       | .540<br>13.72         | X  | —    | 63096-1                 |
|                   |       | .032<br>0.81 | .110 -.160<br>2.79-4.06 | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X  | —    | 63096-2                 |
| 16-12             | A     | .032<br>0.81 | .120 -.170<br>3.05-4.32 | Brass,<br>Tin Plated    | .018<br>0.45       | .700<br>17.78         | X  | —    | 1742718-1               |

<sup>1</sup> Low Insertion Force.

<sup>2</sup> No insulation support.

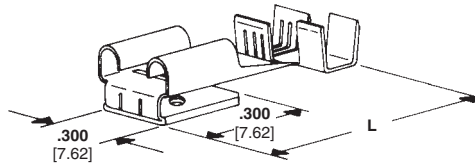
**Note:** All part numbers are RoHS compliant.

## 250 Series F-Crimp Flags (Continued)

### Flag Receptacles (Continued)



**A — Center Strip, F-Crimp**



**B — Receptacle Tab Combination, F-Crimp**



**C — Reversible Flag, Straight End Feed**



**D — Reversible Flag for Hermetic Tabs, Side Feed**



**E — Reversible Flag for Hermetic Tabs, Side Feed**

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter  | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) |  |  |  | Terminal<br>Part Number |
|-------------------|-------|--------------|-------------------------|-------------------------|--------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| 20-16             | D     | .032<br>0.81 | .085-.150<br>2.16-3.81  | Phos Brz,<br>Tin Plated | .018<br>0.46       | .640<br>16.26         | X                                                                                   | —                                                                                   | X                                                                                   | 63137-1                 |
|                   | A     | .032<br>0.81 | —                       | Brass                   | .016<br>0.41       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 63315-1 <sup>3</sup>    |
|                   |       | .032<br>0.81 | —                       | Brass,<br>Tin Plated    | .016<br>0.41       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 63315-2 <sup>3</sup>    |
|                   |       | .032<br>0.81 | .110-.160<br>2.79-4.06  | Brass                   | .016<br>0.41       | .540<br>13.72         | X                                                                                   | —                                                                                   | X                                                                                   | 63314-1                 |
|                   |       | .032<br>0.81 | .110-.160<br>2.79-4.06  | Brass,<br>Tin Plated    | .016<br>0.41       | .540<br>13.72         | X                                                                                   | —                                                                                   | X                                                                                   | 63314-2                 |
|                   |       | .032<br>0.81 | .120-.170<br>3.05-4.32  | Brass,<br>Tin Plated    | .016<br>0.41       | .630<br>16.00         | X                                                                                   | —                                                                                   | X                                                                                   | 151321-4                |
|                   | B     | .032<br>0.81 | .090-.130<br>2.29-3.30  | Brass                   | .016<br>0.41       | .710<br>18.03         | X                                                                                   | —                                                                                   | X                                                                                   | 62048-1                 |
|                   | C     | .032<br>0.81 | .090-.130<br>2.29-3.30  | Brass,<br>Tin Plated    | .016<br>0.41       | .710<br>18.03         | X                                                                                   | —                                                                                   | X                                                                                   | 62048-2                 |
|                   |       | .032<br>0.81 | .170-.220<br>4.32-5.59  | Brass,<br>Tin Plated    | .016<br>0.41       | .710<br>18.03         | X                                                                                   | —                                                                                   | X                                                                                   | 60764-2                 |
|                   |       | E            | .032<br>0.81            | —                       | Brass              | .018<br>0.46          | .640<br>16.26                                                                       | —                                                                                   | —                                                                                   | —                       |
| .032<br>0.81      | —     |              | Phos Brz,<br>Tin Plated | .018<br>0.46            | .640<br>16.26      | —                     | —                                                                                   | —                                                                                   | 63647-2 <sup>1,3</sup>                                                              |                         |
| .032<br>0.81      | —     |              | Brass,<br>Tin Plated    | .018<br>0.46            | .640<br>16.26      | —                     | —                                                                                   | —                                                                                   | 63647-3 <sup>1,3</sup>                                                              |                         |
| 16-12             | D     | .032<br>0.81 | .130-.170<br>3.30-4.32  | Phos Brz,<br>Tin Plated | .018<br>0.46       | .640<br>16.26         | X                                                                                   | —                                                                                   | X                                                                                   | 61188-1 <sup>2</sup>    |
| 12-10             | D     | .032<br>0.81 | .130-.170<br>3.30-4.32  | Phos Brz,<br>Tin Plated | .018<br>0.46       | .640<br>16.26         | X                                                                                   | —                                                                                   | X                                                                                   | 61187-1 <sup>2</sup>    |

<sup>1</sup> No Dimple.

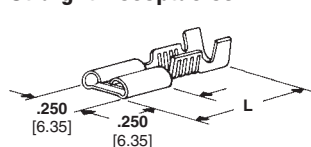
<sup>2</sup> Bends terminal 90°. For 180° bend use applicator 687616-2 with Press 694234-7.

<sup>3</sup> No insulation support.

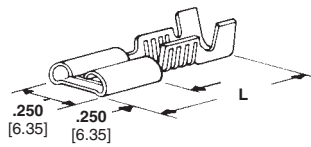
**Note:** All part numbers are RoHS compliant.

## 205 Series Receptacles

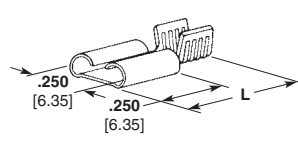
### Straight Receptacles



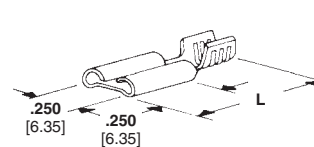
**A — Premier Line,  
Insulation Support**



**B — Economy Line,  
Insulation Support**



**C — Premier line  
Non-Insulation Support**



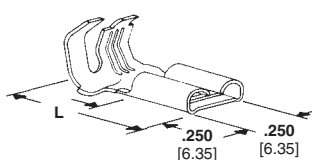
**D — Economy Line,  
Non-Insulation Support**

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | RA | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 26-22             | A     | .020<br>0.51 | .050-.070<br>1.27-1.78 | Brass,<br>Tin Plated    | .012<br>0.31       | .620<br>15.75         | X  | —  | X  | 60674-1 <sup>1</sup>    |
|                   |       | .020<br>0.51 | .085-.125<br>2.16-3.18 | Brass                   | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42198-1                 |
|                   | A     | .020<br>0.51 | .085-.125<br>2.16-3.18 | Brass,<br>Tin Plated    | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42198-2                 |
|                   |       | .032<br>0.81 | .085-.125<br>2.16-3.18 | Brass,<br>Tin Plated    | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42299-2                 |
| 22-18             | B     | .020<br>0.51 | .085-.125<br>2.16-3.18 | Brass                   | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42710-1                 |
|                   |       | .020<br>0.51 | .085-.125<br>2.16-3.18 | Brass,<br>Tin Plated    | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42710-2                 |
|                   |       | .032<br>0.81 | .085-.125<br>2.16-3.18 | Brass,<br>Tin Plated    | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 60904-2                 |
|                   | C     | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .012<br>0.31       | .470<br>11.94         | X  | —  | X  | 42197-2 <sup>2</sup>    |
|                   | A     | .032<br>0.81 | .130-.180<br>3.30-4.57 | Brass,<br>Tin Plated    | .016<br>0.41       | .615<br>15.62         | X  | —  | X  | 42233-2                 |
|                   |       | .032<br>0.81 | .130-.180<br>3.30-4.57 | Phos Brz,<br>Tin Plated | .016<br>0.41       | .615<br>15.62         | X  | —  | X  | 42233-7                 |
| 18-14             | B     | .020<br>0.51 | .130-.180<br>3.30-4.57 | Brass,<br>Tin Plated    | .012<br>0.31       | .615<br>15.62         | X  | —  | X  | 42713-2                 |
|                   |       | .020<br>0.51 | .130-.180<br>3.30-4.57 | Brass,<br>Tin Plated    | .016<br>0.41       | .615<br>15.62         | X  | —  | X  | 42781-2                 |
|                   |       | .032<br>0.81 | .130-.180<br>3.30-4.57 | Phos Brz,<br>Tin Plated | .016<br>0.41       | .470<br>11.94         | X  | —  | X  | 42239-4                 |
|                   | C     | .032<br>0.81 | —                      | Phos Brz,<br>Tin Plated | .016<br>0.41       | .470<br>11.94         | X  | —  | X  | 42239-4                 |
|                   | D     | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .012<br>0.31       | .470<br>11.94         | X  | —  | X  | 42712-2 <sup>2</sup>    |
|                   |       | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .012<br>0.31       | .470<br>11.94         | X  | —  | X  | 42712-2 <sup>2</sup>    |

<sup>1</sup> UL listed and CSA certified for 22 AWG.

<sup>2</sup> Moldable.

### Flag Receptacles



**E — Premier Line,  
Tab-Lok Flag**



**F — Economy Line,  
Tab-Lok Flag**

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish | Stock<br>Thickness | L<br>(Overall Length) | UL | RA | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 20-16             | E     | .020<br>0.51 | .110-.170<br>2.79-4.32 | Brass                  | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42199-1                 |
|                   |       | .020<br>0.51 | .110-.170<br>2.79-4.32 | Brass,<br>Tin Plated   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42199-2                 |
|                   | E     | .020<br>0.51 | .110-.170<br>2.79-4.32 | Brass,<br>Tin Plated   | .016<br>0.41       | .530<br>13.46         | X  | —  | X  | 62354-1                 |
|                   |       | .032<br>0.81 | .110-.170<br>2.79-4.32 | Brass,<br>Tin Plated   | .016<br>0.41       | .530<br>13.46         | X  | —  | X  | 42234-2                 |
| 20-14             | F     | .032<br>0.81 | .110-.170<br>2.79-4.32 | Brass                  | .016<br>0.41       | .530<br>13.46         | X  | —  | X  | 60195-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | .110-.170<br>2.79-4.32 | Brass,<br>Tin Plated   | .016<br>0.41       | .530<br>13.46         | X  | —  | X  | 60195-2 <sup>1</sup>    |

<sup>1</sup> Moldable.

**Note:** All part numbers are RoHS compliant.

## 187 Series Receptacles

### Straight Receptacles



A — Premier Line



B — Budget Line



C — Economy Line


F — Commercial Line  
Receptacle & Tab Combination

| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) |                                 | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|-------------------------|--------------------|-----------------------|---------------------------------|-------------------------|
| 24-20             | A     | .020<br>0.51 | .040-.070<br>1.02-1.78 | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         |                                 | 60573-1                 |
|                   |       | .020<br>0.51 | .040-.070<br>1.02-1.78 | Brass                   | .012<br>0.31       | .590<br>14.99         | X <sup>2</sup> — X <sup>2</sup> | 60573-2                 |
|                   |       | .020<br>0.51 | .040-.070<br>1.02-1.78 | Phos Brz,<br>Tin Plated | .012<br>0.31       | .590<br>14.99         | X — X                           | 62187-2                 |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X <sup>2</sup> — X <sup>2</sup> | 62138-1                 |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79 | Brass                   | .012<br>0.31       | .585<br>14.86         | X <sup>2</sup> — X <sup>2</sup> | 62138-2                 |
|                   |       | .021<br>0.53 | .060-.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | — — —                           | 1217129-1               |
|                   |       | .032<br>0.81 | .040-.070<br>1.02-1.78 | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X <sup>2</sup> — X <sup>2</sup> | 62181-1                 |
| 22-18             | B     | .032<br>0.81 | .090-.150<br>2.29-3.81 | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X — X                           | 63931-1                 |
|                   | C     | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass                   | .012<br>0.31       | .590<br>14.99         | X — X                           | 63347-1                 |
|                   | F     | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X — X                           | 63873-1 <sup>5</sup>    |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X — X                           | 1217084-1 <sup>5</sup>  |
| 20-16             | A     | .015<br>0.38 | —                      | Brass,<br>Tin Plated    | .012<br>0.31       | .470<br>11.94         | — — —                           | 42374-2 <sup>1</sup>    |
|                   |       | .015<br>0.38 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | — — —                           | 42453-2                 |
|                   |       | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .012<br>0.31       | .470<br>11.94         | X — X                           | 42373-2 <sup>1</sup>    |
|                   |       | .020<br>0.51 | —                      | Steel,<br>Nickel Plated | .012<br>0.31       | .470<br>11.94         | — X —                           | 42373-3 <sup>1</sup>    |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79 | Brass                   | .012<br>0.31       | .585<br>14.86         | X — X                           | 62137-1                 |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79 | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X — X                           | 62137-2                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass                   | .012<br>0.31       | .590<br>14.99         | X — X                           | 42452-1                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X — X                           | 42452-2                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Phos Brz,<br>Tin Plated | .012<br>0.31       | .590<br>14.99         | X — X                           | 42452-5                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Steel,<br>Nickel Plated | .012<br>0.31       | .590<br>14.99         | — X X                           | 60621-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Steel,<br>Nickel Plated | .012<br>0.31       | .590<br>14.99         | — X X                           | 63850-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                   | .012<br>0.31       | .585<br>14.86         | X — X                           | 61758-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X — X                           | 61758-2                 |

<sup>1</sup> No Insulation support.

<sup>2</sup> UL listed and CSA certified for 22- 20 AWG.

<sup>3</sup> Also capable of accepting (2) 20 AWG wires.

<sup>4</sup> Stress relieved.

<sup>5</sup> Tab stock thickness .020 [0.51].

**Note:** All part numbers are RoHS compliant.

## 187 Series Receptacles (Continued)

### Straight Receptacles (Continued)

FASTON Receptacles



| Wire Range<br>AWG | Style | Tab<br>Fit   | Insulation<br>Diameter                | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | RA | SP | Terminal<br>Part Number |
|-------------------|-------|--------------|---------------------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 20-16             | B     | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass                   | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 42617-1                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30                | Steel,<br>Nickel Plated | .012<br>0.31       | .585<br>14.86         | —  | X  | X  | 63959-1                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 42617-2                 |
|                   |       | .032<br>0.81 | —                                     | Brass                   | .012<br>0.31       | .475<br>12.07         | X  | —  | X  | 63785-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass                   | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 63477-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 63477-2                 |
|                   |       | .020<br>0.51 | —                                     | Brass                   | .012<br>0.31       | .475<br>12.07         | X  | —  | X  | 42799-1 <sup>1</sup>    |
|                   |       | .020<br>0.51 | —                                     | Brass,<br>Tin Plated    | .012<br>0.31       | .475<br>12.07         | X  | —  | X  | 42799-2 <sup>1</sup>    |
|                   | C     | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 42801-1                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 42801-2                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 or (2)<br>2.29 | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 61892-1 <sup>3</sup>    |
|                   |       | .032<br>0.81 | —                                     | Brass,<br>Tin Plated    | .012<br>0.31       | .475<br>12.07         | X  | —  | X  | 61969-1 <sup>1</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 60196-1                 |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 60196-2                 |
|                   |       | .039<br>0.99 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | —  | —  | —  | 63751-1                 |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass                   | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 60214-1                 |
|                   | E     | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .012<br>0.31       | .585<br>14.86         | X  | —  | X  | 60214-2                 |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79                | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 62139-1 <sup>5</sup>    |
|                   | F     | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 62026-1 <sup>5</sup>    |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30                | Brass                   | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 62026-2 <sup>5</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass                   | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 63646-1 <sup>5</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 63646-2 <sup>5</sup>    |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30                | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | X  | —  | X  | 63646-2 <sup>5</sup>    |

<sup>1</sup> No Insulation support.

<sup>2</sup> UL listed and CSA certified for 22- 20 AWG.

<sup>3</sup> Also capable of accepting (2) 20 AWG wires.

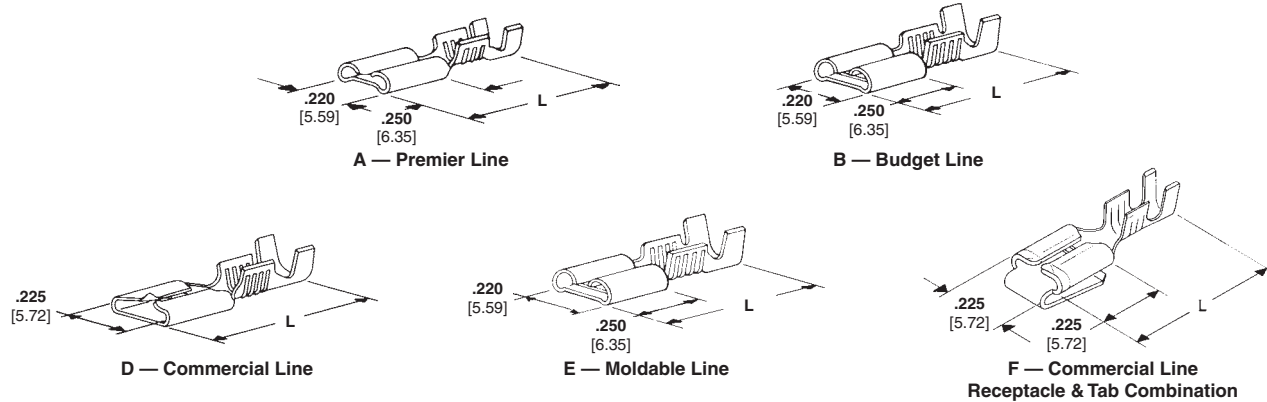
<sup>4</sup> Stress relieved.

<sup>5</sup> Tab stock thickness .020 [0.51].

**Note:** All part numbers are RoHS compliant.

## 187 Series Receptacles (Continued)

### Straight Receptacles (Continued)



| Wire Range<br>AWG  | Style | Tab<br>Fit   | Insulation<br>Diameter                     | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | RA | SP | Terminal<br>Part Number |
|--------------------|-------|--------------|--------------------------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 18-16 or<br>(2) 18 | A     | .020<br>0.51 | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 60487-2                 |
|                    |       |              | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 60487-1                 |
|                    |       | .032<br>0.81 | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 61945-1                 |
|                    |       |              | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Steel,<br>Nickel Plated | .012<br>0.31       | .590<br>14.99         | —  | X  | X  | 61945-2                 |
|                    | B     | .032<br>0.81 | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 63769-1                 |
|                    | E     | .020<br>0.51 | .105-.210<br>2.67-5.33 or<br>(2) .105 Max. | Brass                   | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 63470-1                 |
| 18-14 or<br>(2) 16 | D     | .020<br>0.51 | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass                   | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 60742-1                 |
|                    |       |              | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass,<br>Tin Plated    | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 60742-2                 |
|                    |       | .025<br>0.64 | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass,<br>Tin Plated    | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 63749-2 <sup>4</sup>    |
|                    |       |              | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass                   | .014<br>0.36       | .640<br>16.26         | —  | —  | —  | 63832-1                 |
|                    | A     | .032<br>0.81 | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass                   | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 63596-1                 |
|                    |       |              | .180-.230<br>4.57-5.84 or<br>(2) .110 Max. | Brass,<br>Pre-Tin       | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 63596-2                 |
| 18-14              | A     | .020<br>0.51 | .110-.160<br>2.79-4.06                     | Brass,<br>Tin Plated    | .012<br>0.31       | .590<br>14.99         | X  | —  | X  | 1217149-1               |
|                    |       |              | .150-.190<br>3.81-4.83                     | Brass                   | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 62016-1                 |
|                    | D     | .020<br>0.51 | .150-.190<br>3.81-4.83                     | Brass,<br>Tin Plated    | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 62016-2                 |
|                    |       |              | .150-.190<br>3.81-4.83                     | Brass,<br>Pre-Tin       | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 63697-1                 |
|                    | F     | .032<br>0.81 | .150-.190<br>3.81-4.83                     | Brass,<br>Pre-Tin       | .014<br>0.36       | .640<br>16.26         | X  | —  | X  | 63697-1                 |
|                    |       |              | .110-.160<br>2.79-4.06                     | Brass,<br>Tin Plated    | .014<br>0.36       | .615<br>15.62         | —  | —  | —  | 1217151-1 <sup>5</sup>  |

<sup>1</sup> No Insulation support.

<sup>2</sup> UL listed and CSA certified for 22- 20 AWG.

<sup>3</sup> Also capable of accepting (2) 20 AWG wires.

<sup>4</sup> Stress relieved.

<sup>5</sup> Tab stock thickness .020 [0.51].

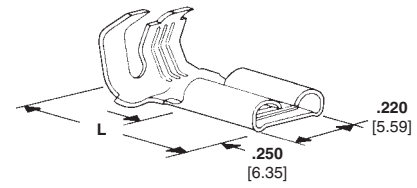
**Note:** All part numbers are RoHS compliant.

## 187 Series Tab-Lok Flags

### Flag Receptacles, Insulation Support



A — Premier Line



B — Budget Line



C — Economy Line



D — Moldable Line

| Wire Range<br>AWG  | Style | Tab<br>Fit   | Insulation<br>Diameter                          | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | UL | Terminal<br>Part Number |
|--------------------|-------|--------------|-------------------------------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 20-16              | A     | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42486-1                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42486-2                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Steel,<br>Nickel Plated | .012<br>0.31       | .530<br>13.46         | —  | X  | X  | 42486-3                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass,<br>Silver Plated | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42486-4                 |
|                    |       | .032<br>0.81 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 62591-1                 |
|                    |       | .032<br>0.81 | .110-.170<br>2.79-4.32                          | Steel,<br>Nickel Plated | .012<br>0.31       | .530<br>13.46         | —  | X  | X  | 63696-1                 |
|                    | B     | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42618-1                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42618-2                 |
|                    |       | .020<br>0.51 | .170-.225<br>4.32-5.72                          | Brass                   | .012<br>0.31       | .575<br>14.61         | X  | —  | X  | 62817-1                 |
|                    |       | .032<br>0.81 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 63748-1                 |
|                    | C     | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42800-1                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 42800-2                 |
|                    |       | .032<br>0.81 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 60529-1                 |
|                    |       | .032<br>0.81 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 60529-2                 |
|                    | D     | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass                   | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 61029-1                 |
|                    |       | .020<br>0.51 | .110-.170<br>2.79-4.32                          | Brass,<br>Tin Plated    | .012<br>0.31       | .530<br>13.46         | X  | —  | X  | 61029-2                 |
| 18-14 or<br>(2) 18 | A     | .032<br>0.81 | .110-.190<br>2.79-4.83<br>(2) .105<br>2.67 Max. | Brass,<br>Tin Plated    | .014<br>0.36       | .530<br>14.36         | X  | —  | X  | 1742422-1               |
|                    | B     | .032<br>0.81 | .110-.190<br>2.79-4.83<br>(2) .105<br>2.67 Max. | Brass,<br>Tin Plated    | .014<br>0.36       | .530<br>14.36         | X  | —  | X  | 1217027-1               |

**Note:** All part numbers are RoHS compliant.

## 187 Series C-Crimp Flag Receptacles

### C-Crimp Line

A — 187 Series C-Crimp Flag Receptacles



| Wire Range<br>AWG | Style | Tab Fit      | Insulation Diameter    | Material and Finish  | Stock Thickness | L<br>(Overall Length) | UL             | SA | SP             | Terminal Part Number |
|-------------------|-------|--------------|------------------------|----------------------|-----------------|-----------------------|----------------|----|----------------|----------------------|
| 20-16             | A     | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass                | .014<br>0.36    | .522<br>13.26         | X              | —  | X              | 1217009-1            |
|                   |       | .020<br>0.51 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated | .014<br>0.36    | .522<br>13.26         | X              | —  | X              | 1217009-2            |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass                | .014<br>0.36    | .522<br>13.26         | X              | —  | X              | 1217010-1            |
|                   |       | .032<br>0.81 | .090-.130<br>2.29-3.30 | Brass,<br>Tin Plated | .014<br>0.36    | .522<br>13.26         | X              | —  | X              | 1217010-2            |
| 18-14             | A     | .032<br>0.81 | .100-.155<br>2.54-3.94 | Brass                | .016<br>0.41    | .535<br>13.59         | X <sup>1</sup> | —  | X <sup>1</sup> | 1217244-1            |
|                   |       | .032<br>0.81 | .100-.155<br>2.54-3.94 | Brass,<br>Tin Plated | .016<br>0.41    | .535<br>13.59         | X              | —  | X              | 1217244-2            |

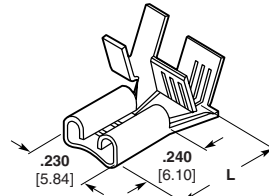
<sup>1</sup> 16 & 18 AWG only.

## 187 Series F-Crimp Flags

### F-Crimp Line



A — End of Wire with Insulation Support



B — Center Strip with Insulation Support



C — Center Strip with No Insulation Support

| Wire Range<br>AWG | Style | Tab Fit      | Insulation Diameter                           | Material and Finish     | Stock Thickness | L<br>(Overall Length) | UL             | SA             | SP             | Terminal Part Number |
|-------------------|-------|--------------|-----------------------------------------------|-------------------------|-----------------|-----------------------|----------------|----------------|----------------|----------------------|
| 22-18             | A     | .020<br>0.51 | .060-.110<br>1.52-2.79                        | Brass                   | .012<br>0.31    | .445<br>11.30         | X              | —              | X              | 1742086-1            |
|                   |       | .020<br>0.51 | .060-.110<br>1.52-2.79                        | Brass,<br>Tin Plated    | .012<br>0.31    | .445<br>11.30         | X              | —              | X              | 1742086-2            |
|                   |       | .032<br>0.81 | .060-.110<br>1.52-2.79                        | Brass                   | .012<br>0.31    | .445<br>11.30         | X              | —              | X              | 1742087-1            |
|                   |       | .032<br>0.81 | .060-.110<br>1.52-2.79                        | Brass,<br>Tin Plated    | .012<br>0.31    | .445<br>11.30         | X              | —              | X              | 1742087-2            |
| 20-16             | B     | .020<br>0.51 | .090-.130<br>2.29-3.30                        | Brass                   | .012<br>0.31    | .596<br>15.14         | —              | —              | —              | 626412-1             |
| 18-14             | B     | .020<br>0.51 | .060-.150<br>1.52-3.81                        | Brass                   | .016<br>0.41    | .430<br>10.92         | X              | —              | X              | 63512-1              |
|                   |       | .032<br>0.81 | .060-.150<br>1.52-3.81                        | Brass                   | .016<br>0.41    | .430<br>10.92         | X              | —              | X              | 63316-1              |
|                   |       | .032<br>0.81 | .060-.150<br>1.52-3.81                        | Brass,<br>Tin Plated    | .016<br>0.41    | .430<br>10.92         | X              | —              | X              | 63316-2              |
|                   | C     | .032<br>0.81 | .060-.150<br>1.52-3.81                        | Steel,<br>Nickel Plated | .016<br>0.41    | .430<br>10.92         | —              | X              | X              | 63316-3              |
|                   |       | .032<br>0.81 | —                                             | Brass                   | .016<br>0.41    | .430<br>10.92         | X              | —              | X              | 63317-1              |
| 18-14 or (2) 18   | A     | .020<br>0.51 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Brass                   | .012<br>0.31    | .445<br>11.30         | X <sup>1</sup> | —              | X <sup>1</sup> | 1742088-1            |
|                   |       | .020<br>0.51 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Brass,<br>Tin Plated    | .012<br>0.31    | .445<br>11.30         | X <sup>1</sup> | —              | X <sup>1</sup> | 1742088-2            |
|                   |       | .032<br>0.81 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Brass                   | .012<br>0.31    | .445<br>11.30         | X <sup>1</sup> | —              | X <sup>1</sup> | 1742089-1            |
|                   |       | .032<br>0.81 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Brass,<br>Tin Plated    | .012<br>0.31    | .445<br>11.30         | X <sup>1</sup> | —              | X <sup>1</sup> | 1742089-2            |
| 18 or (2) 18      | A     | .020<br>0.51 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Steel,<br>Nickel Plated | .012<br>0.31    | .445<br>11.30         | —              | X <sup>1</sup> | —              | 1742312-1            |
|                   |       | .032<br>0.81 | .110-.150 or 2-110<br>2.79-3.81 or 2-2.79 max | Steel,<br>Nickel Plated | .012<br>0.31    | .445<br>11.30         | —              | X <sup>1</sup> | —              | 1742049-1            |

<sup>1</sup> UL/CSA Approved for 18 & 16 AWG only

**Note:** All part numbers are RoHS compliant.

## 125 Series Receptacles

### Insulation Support

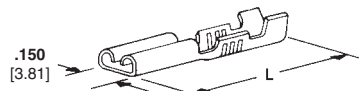


A- Receptacle with Insulation Support

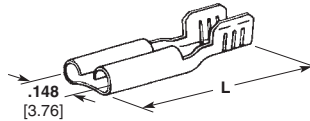
| Wire Range<br>AWG | Style | Tab Fit      | Insulation<br>Diameter | Material<br>and Finish | Stock<br>Thickness | L<br>(Overall Length) | UL | UL | UL | Terminal<br>Part Number |
|-------------------|-------|--------------|------------------------|------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 22-18             | A     | .020<br>0.51 | .090-.110<br>2.29-2.79 | Brass                  | .010<br>0.25       | .635<br>16.13         | —  | —  | —  | 63705-1                 |

## 110 Series Receptacles

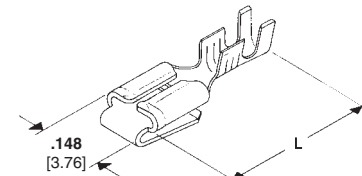
### Straight Receptacles



A — FASTON Receptacles with Insulation Support



B — FASTON Receptacles with No Insulation Support



C — Commercial Line Receptacle and Tab Combination

| Wire Range<br>AWG | Style | Fits Tab<br>Type <sup>7</sup> | Tab Fit      | Insulation<br>Diameter | Material<br>and Finish | Stock<br>Thickness | L<br>(Overall Length) | UL             | UL | UL | Terminal<br>Part Number |
|-------------------|-------|-------------------------------|--------------|------------------------|------------------------|--------------------|-----------------------|----------------|----|----|-------------------------|
| 26-22             | B     | —                             | .020<br>0.51 | —                      | Brass,<br>Tin Plated   | .010<br>0.25       | .327<br>8.31          | —              | —  | —  | 63837-1                 |
|                   |       | —                             | .016<br>0.41 | —                      | Brass                  | .010<br>0.25       | .327<br>8.31          | —              | —  | —  | 61818-1                 |
| 24-22             | A     | 1                             | .016<br>0.41 | .040-.060<br>1.02-1.52 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | —              | —  | —  | 42415-1                 |
|                   |       | 1                             | .020<br>0.51 | .040-.060<br>1.02-1.52 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X <sup>1</sup> | —  | X  | 42067-1                 |
|                   |       | 1                             | .020<br>0.51 | .040-.060<br>1.02-1.52 | Brass,<br>Pre-Tin      | .010<br>0.25       | .510<br>12.95         | X              | —  | X  | 60089-2                 |
|                   |       | 1                             | .032<br>0.81 | .040-.060<br>1.02-1.52 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X <sup>1</sup> | —  | X  | 63634-1                 |
| 22-20             | A     | 2                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 42236-1                 |
| 22-18             | A     | 1                             | .012<br>0.31 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | —              | —  | —  | 60415-1                 |
|                   |       | 1                             | .016<br>0.41 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | —              | —  | —  | 60118-1                 |
|                   |       | 2                             | .016<br>0.41 | .090-.130<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | —              | —  | —  | 62523-1                 |
|                   |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass                  | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 42068                   |
|                   |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 42068-1                 |
|                   |       | 1                             | .020<br>0.51 | .090-.130<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 62094-1                 |
|                   |       | 1                             | .020<br>0.51 | .090-.130<br>1.52-2.54 | Brass                  | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 62094-2                 |
|                   |       | 2                             | .020<br>0.51 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 60729-1                 |
|                   |       | 1                             | .025<br>0.51 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | —              | —  | —  | 61158-1                 |
|                   |       | 1                             | .032<br>0.81 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 60197-1                 |
|                   |       | 3                             | .032<br>0.81 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 60577-1                 |
|                   |       | 1                             | .032<br>0.81 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin      | .010<br>0.25       | .635<br>16.13         | X              | —  | X  | 63954-1                 |

<sup>1</sup> UL listed 22 AWG wire only.

<sup>2</sup> No Dimple.

<sup>4</sup> Side feed.

<sup>3</sup> Dimple at special location.

<sup>5</sup> Tab Thickness .020 [0.51].

<sup>6</sup> Tab Thickness .032 [0.81].

<sup>7</sup> Stress relieved.

<sup>8</sup> See page 28 for Mating Tab Designs.

**Note:** All part numbers are RoHS compliant.

## 110 Series Receptacles (Continued)

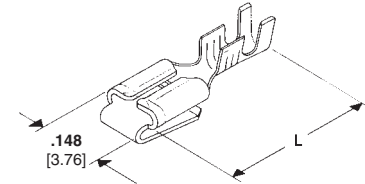
### Straight Receptacles (Continued)



**A — FASTON Receptacles with Insulation Support**



**B — FASTON Receptacles with No Insulation Support**



**C — Commercial Line Receptacle and Tab Combination**

| Wire Range<br>AWG  | Style | Fits Tab<br>Type <sup>a</sup> | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) | UL | RA | SP | Terminal<br>Part Number |
|--------------------|-------|-------------------------------|--------------|------------------------|-------------------------|--------------------|-----------------------|----|----|----|-------------------------|
| 22-18              | C     | 1                             | .018<br>0.46 | .080-.120<br>2.03-3.05 | Brass                   | .010<br>0.25       | .630<br>16.00         | —  | —  | —  | 63242-1 <sup>5</sup>    |
|                    |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass                   | .010<br>0.25       | .630<br>16.00         | X  | —  | X  | 62003-1 <sup>5</sup>    |
|                    |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Tin Plated    | .010<br>0.25       | .630<br>16.00         | X  | —  | X  | 62003-2 <sup>5</sup>    |
|                    |       | 1                             | .032<br>0.81 | .080-.120<br>2.03-3.05 | Brass,<br>Tin Plated    | .010<br>0.25       | .630<br>16.00         | X  | —  | X  | 63961-1 <sup>5</sup>    |
|                    |       | 1                             | .032<br>0.81 | .080-.120<br>2.03-3.05 | Brass,<br>Tin Plated    | .010<br>0.25       | .630<br>16.00         | —  | —  | —  | 1217145-1 <sup>6</sup>  |
| 20-18 or<br>(2) 20 | B     | 1                             | .016<br>0.41 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .475<br>12.07         | —  | —  | —  | 42398-1                 |
|                    |       | 1                             | .020<br>0.51 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .475<br>12.07         | X  | —  | X  | 42399-1                 |
|                    |       | 1                             | .032<br>0.81 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .475<br>12.07         | X  | —  | X  | 60601-1                 |
| 20-18              | B     | —                             | .020<br>0.51 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .380<br>9.65          | X  | —  | X  | 62850-1 <sup>2</sup>    |
|                    |       | —                             | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .010<br>0.25       | .380<br>9.65          | X  | —  | X  | 62850-2 <sup>2</sup>    |
| 20-16              | A     | 1                             | .010<br>0.25 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .625<br>15.88         | —  | —  | —  | 62968-1                 |
|                    |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .635<br>16.13         | X  | —  | X  | 61408-1                 |
|                    |       | 1                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Steel,<br>Nickel Plated | .010<br>0.25       | .635<br>16.13         | —  | X  | X  | 1217102-1               |
|                    |       | 1                             | .020<br>0.51 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin       | .010<br>0.25       | .635<br>16.13         | X  | —  | X  | 61400-1                 |
|                    |       | 1                             | .020<br>0.51 | .150-.170<br>3.81-4.32 | Brass,<br>Tin Plated    | .010<br>0.25       | .635<br>16.13         | X  | —  | X  | 62191-1                 |
|                    |       | 1                             | .032<br>0.81 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin       | .010<br>0.25       | .635<br>16.13         | X  | —  | X  | 62050-1                 |
|                    |       | 1                             | .032<br>0.81 | .120-.140<br>3.05-3.56 | Steel,<br>Nickel Plated | .010<br>0.25       | .635<br>16.13         | —  | X  | X  | 62050-2                 |
|                    |       | 2                             | .032<br>0.81 | .120-.140<br>3.05-3.56 | Brass,<br>Pre-Tin       | .010<br>0.25       | .635<br>16.13         | X  | —  | X  | 63703-1                 |
|                    | B     | 1                             | .016<br>0.41 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .537<br>13.64         | —  | —  | —  | 61457-1                 |
|                    |       | 1                             | .032<br>0.81 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .415<br>10.54         | X  | —  | X  | 63560-1                 |
| 18-14              | A     | —                             | .032<br>0.81 | .110-.190<br>2.79-4.83 | Brass,<br>Tin Plated    | .012<br>0.30       | .625<br>15.88         | —  | —  | —  | 63093-1 <sup>2,7</sup>  |
|                    | B     | —                             | .020<br>0.51 | —                      | Brass,<br>Tin Plated    | .010<br>0.25       | .475<br>12.07         | X  | —  | X  | 62474-1 <sup>3,4</sup>  |
|                    |       | 1                             | .020<br>0.51 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .475<br>12.07         | X  | —  | X  | 62852-1 <sup>4</sup>    |

<sup>1</sup> UL listed 22 AWG wire only.  
<sup>2</sup> No Dimple.

<sup>4</sup> Side feed.  
<sup>3</sup> Dimple at special location.

<sup>5</sup> Tab Thickness .020 [0.51].  
<sup>6</sup> Tab Thickness .032 [0.81].

<sup>7</sup> Stress relieved.  
<sup>8</sup> See page 28 for Mating Tab Designs.

**Note:** All part numbers are RoHS compliant.

## 110 Series F-Crimp Flags

### Flag Receptacles



**A — FASTON Flag Receptacle with Insulation Support**



**B — FASTON Flag Receptacle with Insulation Support**



**C — FASTON Flag Receptacle with No Insulation Support**

| Wire Range<br>AWG | Style | Fits Tab<br>Type <sup>2</sup> | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish  | Stock<br>Thickness | L<br>(Overall Length) |  |  |  | Terminal<br>Part Number |
|-------------------|-------|-------------------------------|--------------|------------------------|-------------------------|--------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| 26-22             | B     | *                             | .020<br>0.51 | .040-.080<br>1.02-2.03 | Brass,<br>Pre-Tin       | .010<br>0.25       | .430<br>10.92         | X <sup>3</sup>                                                                      | —                                                                                   | X <sup>3</sup>                                                                      | 1742219-1               |
|                   |       | *                             | .016<br>0.41 | .065-.100<br>1.65-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .460<br>11.68         | —                                                                                   | —                                                                                   | —                                                                                   | 61459-1                 |
|                   |       | *                             | .020<br>0.51 | .065-.100<br>1.65-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .460<br>11.68         | X                                                                                   | —                                                                                   | X                                                                                   | 61372-1                 |
|                   |       | *                             | .020<br>0.51 | .065-.100<br>1.65-2.54 | Brass,<br>Tin Plated    | .012<br>0.30       | .460<br>11.68         | X                                                                                   | —                                                                                   | X                                                                                   | 60605-1                 |
|                   |       | *                             | .025<br>0.64 | .065-.100<br>1.65-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .460<br>11.68         | —                                                                                   | —                                                                                   | —                                                                                   | 61530-1                 |
|                   |       | *                             | .032<br>0.81 | .065-.100<br>1.65-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .460<br>11.68         | X                                                                                   | —                                                                                   | X                                                                                   | 61971-1                 |
|                   | A     | *                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 61481-1                 |
|                   |       | *                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass,<br>Tin Plated    | .012<br>0.30       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 61070-1                 |
|                   |       | *                             | .020<br>0.51 | .060-.100<br>1.52-2.54 | Brass                   | .012<br>0.30       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 61070-2                 |
|                   |       | *                             | .025<br>0.64 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .430<br>10.92         | —                                                                                   | —                                                                                   | —                                                                                   | 1217138-1               |
|                   |       | *                             | .032<br>0.81 | .060-.100<br>1.52-2.54 | Brass,<br>Pre-Tin       | .010<br>0.25       | .430<br>10.92         | X                                                                                   | —                                                                                   | X                                                                                   | 62336-1                 |
|                   |       | *                             | .032<br>0.81 | .060-.100<br>1.52-2.54 | Steel,<br>Nickel Plated | .010<br>0.25       | .430<br>10.92         | —                                                                                   | —                                                                                   | —                                                                                   | 62336-2                 |
| 22-18             | B     | —                             | .015<br>0.38 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .295<br>7.49          | —                                                                                   | —                                                                                   | —                                                                                   | 63990-1                 |
|                   |       | —                             | .020<br>0.51 | —                      | Brass                   | .012<br>0.30       | .295<br>7.49          | X <sup>1</sup>                                                                      | —                                                                                   | X                                                                                   | 60991-1                 |
|                   |       | —                             | .020<br>0.51 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .295<br>7.49          | X <sup>1</sup>                                                                      | —                                                                                   | X                                                                                   | 61549-1                 |
|                   |       | 1                             | .020<br>0.51 | —                      | Brass,<br>Pre-Tin       | .010<br>0.25       | .295<br>7.49          | X <sup>1</sup>                                                                      | —                                                                                   | X                                                                                   | 62321-1                 |

\* No Tab Type

<sup>1</sup> UL listed and CSA certified for 22-18 AWG.

<sup>2</sup> See below for Mating Tab Designs.

<sup>3</sup> UL listed and CSA certified for 22 AWG wire only.

### Mating 110 Series Tab Designs



**Mating 110 Series Tab  
Dimension Type 1**



**Mating 110 Series Tab  
Dimensions Type 2**



**Mating 110 Series Tab  
Dimensions Type 3**

**Note:** All part numbers are RoHS compliant.

## AMPLIVAR Receptacles

### 250 Series FASTON Receptacles

Stock Thickness — .016 [0.41]



| Magnet Wire Range               |                                         | Insulation Diameter                                | Mating Tab Thk. | Material                  | Material Thickness | Part Number                                  |
|---------------------------------|-----------------------------------------|----------------------------------------------------|-----------------|---------------------------|--------------------|----------------------------------------------|
| AWG                             | mm <sup>2</sup>                         |                                                    |                 |                           |                    |                                              |
| 24-19                           | 0.23-0.70                               | .050-.080<br>1.30-2.00                             | .020<br>0.51    | Brass<br>Tin Plated Brass | .016<br>0.41       | 63623-1 <sup>1</sup><br>63623-2 <sup>1</sup> |
| 23-19 or<br>(2) 24 or<br>(2) 26 | 0.29-0.70 or<br>(2) 0.23 or<br>(2) 0.15 | .050-.100<br>1.30-2.55                             | .025<br>0.64    | Brass                     | .016<br>0.41       | 62069-1 <sup>3</sup>                         |
| 20-16 or<br>(2) 23 or<br>(2) 20 | 0.57-1.39 or<br>(2) 0.29 or<br>(2) 0.57 | .100-.140<br>2.55-3.55 or<br>(2) .060<br>1.52 Max. | .032<br>[0.81]  | Brass<br>Tin Plated Brass | .016<br>0.41       | 60384-1<br>60384-2                           |
| 20-16                           | 0.57-1.39                               | .100-.140<br>2.55-3.55                             | .020<br>0.51    | Brass                     | .016<br>0.41       | 62080-1                                      |
| 18-14 or<br>(2) 17              | 0.88-2.19 or<br>(2) 1.11                | .120-.170<br>3.05-4.30 or<br>(2) .060<br>1.52 Max. | .032<br>[0.81]  | Tin Plated Brass          | .016<br>0.41       | 60385-2                                      |
| 18-14 or<br>(2) 19              | 0.88-2.19 or<br>(2) 0.70                | .120-.170<br>3.05-4.30                             | .020<br>0.51    | Brass                     | .016<br>0.41       | 63622-1 <sup>1</sup>                         |
| 18-14 or<br>(2) 19              | 0.88-2.19 or<br>(2) 0.70                | .120-.170<br>3.05-4.30                             | .032<br>0.81    | Brass                     | .016<br>0.41       | 1217835-1                                    |

<sup>1</sup> Low insertion force

<sup>2</sup> Quick-Change Applicator for AMP-O-LECTRIC Machine 565435-5.

<sup>3</sup> Mates to .025 [0.64] thick tab.

### 187 Series FASTON Receptacle

Stock Thickness — .016 [0.41]



| Magnet Wire Range |                 | Insulation Diameter    | Mating Tab Thk. | Material                      | Material Thickness | Part Number |
|-------------------|-----------------|------------------------|-----------------|-------------------------------|--------------------|-------------|
| AWG               | mm <sup>2</sup> |                        |                 |                               |                    |             |
| 20-16             | 0.57-1.39       | .050-.090<br>1.27-2.29 | .032<br>0.81    | Tin Plated<br>Phosphor Bronze | .016<br>0.41       | 1742678-2   |

**Note:** All part numbers are RoHS compliant.

## AMPLIVAR Receptacles (Continued)

### 187 Series FASTON Flag Receptacles

Stock Thickness — .016 [0.41]



| Magnet Wire Range |                 | Insulation Diameter    | Mating Tab Thk. | Material                   | Material Thickness | Part Number |
|-------------------|-----------------|------------------------|-----------------|----------------------------|--------------------|-------------|
| CMA               | mm <sup>2</sup> |                        |                 |                            |                    |             |
| 500-1200          | 0.25-0.61       | .020-.040<br>0.51-1.02 | .020<br>0.51    | Tin Plated Brass           | .016<br>0.41       | 63942-1     |
| 24-20 AWG         | 0.2-0.5         | .020-.040<br>0.51-1.02 | .032<br>0.81    | Tin Plated Brass           | .016<br>0.41       | 1217624-1   |
| 20-16 AWG         | 0.57-1.39       | .050-.090<br>1.27-2.29 | .032<br>0.81    | Tin Plated Phosphor Bronze | .016<br>0.41       | 1742679-2   |
| 1200-2350         | 0.61-1.19       | .020-.040<br>0.51-1.02 | .020<br>0.51    | Tin Plated Brass           | .016<br>0.41       | 63941-1     |
| 2000-4000         | 1.01-2.03       | .020-.040<br>0.51-1.02 | .032<br>0.81    | Tin Plated Brass           | .016<br>0.41       | 1217955-1   |
| 2000-4050         | 1.01-2.05       | .020-.040<br>0.51-1.02 | .020<br>0.51    | Tin Plated Brass           | .016<br>0.41       | 63940-1     |
| 2000-4050         | 1.01-2.05       | .020-.040<br>0.51-1.02 | .032<br>0.81    | Tin Plated Brass           | .016<br>0.41       | 1217417-1   |
| 3000-6000         | 1.52-3.04       | .020-.040<br>0.51-1.02 | .020<br>0.51    | Tin Plated Brass           | .016<br>0.41       | 1217899-1   |

### 250 Series FASTON Flag Receptacles

Stock Thickness — .018 [0.45]



| Magnet Wire Range |                 | Insulation Diameter    | Mating Tab Thk. | Material               | Material Thickness | Part Number |
|-------------------|-----------------|------------------------|-----------------|------------------------|--------------------|-------------|
| CMA               | mm <sup>2</sup> |                        |                 |                        |                    |             |
| 16-12             | 1.39-3.47       | .120-.170<br>3.05-4.32 | .032<br>0.81    | Tin Plated Phos Bronze | .018<br>0.45       | 63944-1     |

**Note:** All part numbers are RoHS compliant.

## Miscellaneous Tab Receptacles

### Tab Receptacles



| Wire Range |                 | Type | Insul. Dia.<br>Range          | Stock<br>Thk.       | Material<br>and Finish | Fits Tab                          | Dimensions          |                      |                     | Part No.               |
|------------|-----------------|------|-------------------------------|---------------------|------------------------|-----------------------------------|---------------------|----------------------|---------------------|------------------------|
| AWG        | mm <sup>2</sup> |      |                               |                     |                        |                                   | E                   | L                    | W                   |                        |
| 26-22      | 0.12-0.4        | A    | <b>.035-.065</b><br>0.89-1.65 | <b>.010</b><br>.025 | Pre-Tin Brass          | <b>.031 x .093</b><br>0.79 x 2.36 | <b>.190</b><br>4.83 | <b>.475</b><br>12.06 | <b>.120</b><br>3.05 | 61813-1 <sup>5</sup>   |
| 24-20      | 0.2-0.6         | A    | <b>.040-.080</b><br>1.02-2.03 | <b>.010</b><br>0.25 | Tin Plated Brass       | <b>.031 x .062</b><br>0.79 x 1.57 | <b>.187</b><br>4.75 | <b>.462</b><br>11.73 | <b>.090</b><br>2.29 | 60900-1 <sup>1</sup>   |
|            |                 | B    | —                             | <b>.010</b><br>0.25 | Tin Plated Brass       | <b>.015 x .050</b><br>0.38 x 1.27 | <b>.145</b><br>3.68 | <b>.310</b><br>7.87  | <b>.070</b><br>1.78 | 60900-4 <sup>2</sup>   |
| 22-18      | 0.3-0.9         | A    | <b>.050-.085</b><br>1.27-2.16 | <b>.010</b><br>0.25 | Pre-Tin Brass          | <b>.010 x .093</b><br>0.25 x 2.36 | <b>.190</b><br>4.83 | <b>.480</b><br>12.19 | <b>.120</b><br>3.05 | 62352-1                |
| 20-18      | 0.5-0.9         | A    | <b>.080-.120</b><br>2.03-3.05 | <b>.010</b><br>0.25 | Pre-Tin Brass          | <b>.032 x .103</b><br>0.81 x 2.62 | <b>.200</b><br>5.08 | <b>.480</b><br>12.19 | <b>.126</b><br>3.2  | 63391-1 <sup>3,4</sup> |
|            |                 |      |                               |                     | Pre-Tin Brass          | <b>.020 x .103</b><br>0.51 x 2.62 | <b>.200</b><br>5.08 | <b>.480</b><br>12.19 | <b>.126</b><br>3.2  | 63391-2 <sup>4</sup>   |
|            |                 |      |                               |                     |                        |                                   |                     |                      |                     | 60252-1 <sup>6</sup>   |
|            |                 |      |                               |                     |                        |                                   |                     |                      |                     | 60432-1 <sup>6</sup>   |

<sup>1</sup> Available in loose piece form, order Part Number 61454-1.

<sup>2</sup> Reverse reel of 60900-1.

<sup>3</sup> Loose piece form of Part Number 63391-2.

<sup>4</sup> Mechanically compliant base.

<sup>5</sup> No dimple.

<sup>6</sup> Dimple.

**Note:** All part numbers are RoHS compliant.

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