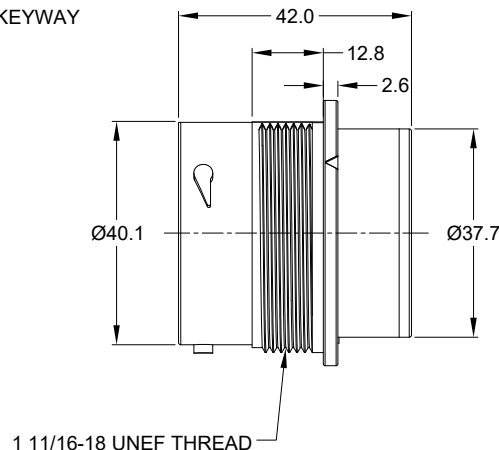
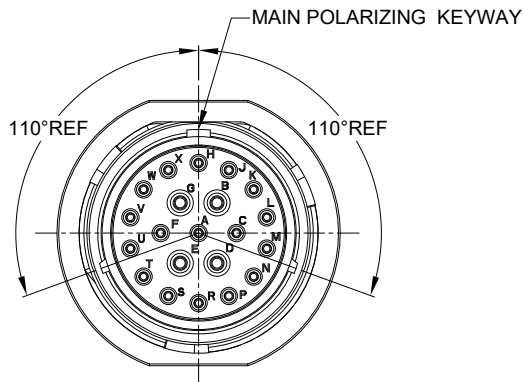
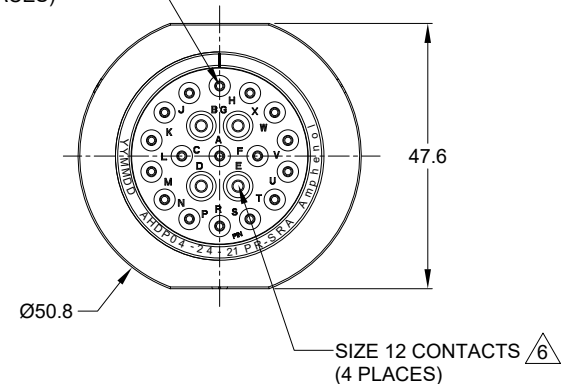




△ 6 SIZE 16 CONTACTS  
(17 PLACES)



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK

SEAL: SILICONE RUBBER

2. MODIFICATIONS: SMOOTH RING ADAPTER (SRA);

REDUCED DIA. WIRE SEAL.

3. SPECIFICATIONS:

3.1 OPERATING TEMPERATURE: -55°C TO +125°C.

3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2  
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.

3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.

3.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).

3.5 MATING CYCLE DURABILITY: 100 CYCLES

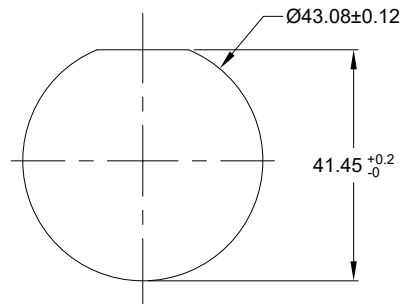
3.6 RoHS COMPLIANT

4. MATING PART: AHDP06-24-21S\* (\* = SEAL TYPE )

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

△ 6 CONTACT SIZE AND WIRE RANGE:

| CONTACT<br>SIZE | MIN. INSUL<br>O.D.   | MAX. INSUL<br>O.D.   | TYPICAL<br>WIRE RANGE                  | CURRENT<br>RATING |
|-----------------|----------------------|----------------------|----------------------------------------|-------------------|
| 12              | 2.46 mm<br>(.097in)  | 4.01 mm<br>(.158 in) | 10-14 AWG<br>(6.0-2.0mm <sup>2</sup> ) | 25 AMPS           |
| 16              | 1.35 mm<br>(.053 in) | 3.05 mm<br>(.120 in) | 14-20 AWG<br>(2.0-0.5mm <sup>2</sup> ) | 13 AMPS           |

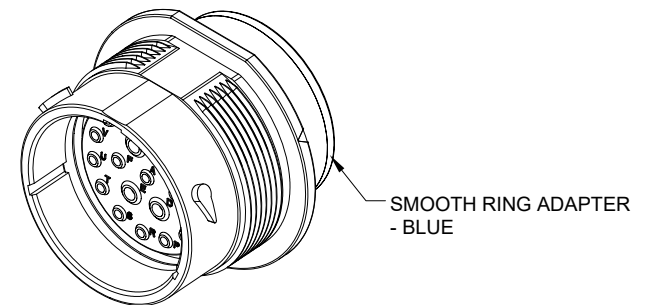


RECOMMENDED PANEL  
MOUNTING HOLE

RECOMMENDED PANEL  
THICKNESS: 1.6 TO 4.7MM

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.

| REVISIONS |     |                     |         |     |       |
|-----------|-----|---------------------|---------|-----|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY  | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 12MAY20 | IAN | TOMMY |
| A2        | --  | MODIFY PRODUCT NAME | 11AUG20 | IAN | TOMMY |



|                                                                                                           |                |                                                                                                                                                                                                                                                                      |  |              |
|-----------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|
| AHDP04-24-21PR-SRA                                                                                        |                | REF:HDP24-24-21PE                                                                                                                                                                                                                                                    |  |              |
| PART NUMBER                                                                                               |                | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM         |
| QUANTITY                                                                                                  | MATERIALS LIST |                                                                                                                                                                                                                                                                      |  |              |
| UNLESS OTHERWISE SPECIFIED                                                                                |                | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE         |
| 1) All dimensions are in metric (mm).                                                                     |                | DRAWN:                                                                                                                                                                                                                                                               |  | IAN XIAO     |
| 2) Tolerances are as follows:                                                                             |                | CHECKED:                                                                                                                                                                                                                                                             |  | ORION LI     |
| 1 PL DEC ±0.30                                                                                            |                | ENGINEER:                                                                                                                                                                                                                                                            |  |              |
| 2 PL DEC ±0.15                                                                                            |                | APPROVAL:                                                                                                                                                                                                                                                            |  | TOMMY XIE    |
| 3 PL DEC ±0.08                                                                                            |                |                                                                                                                                                                                                                                                                      |  | 13AUG20      |
| 3) Note reference =  |                |                                                                                                                                                                                                                                                                      |  |              |
| MATERIAL SPECIFICATIONS:                                                                                  |                | CUSTOMER:                                                                                                                                                                                                                                                            |  |              |
| PROCESS SPECIFICATIONS:                                                                                   |                | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |  |              |
| NEXT ASSY:                                                                                                |                |                                                                                                                                                                                                                                                                      |  |              |
|                                                                                                           |                | SIZE: B C-                                                                                                                                                                                                                                                           |  | REVISION: A2 |
|                                                                                                           |                | DWG NO: AHDP04-24-21PR-SRA                                                                                                                                                                                                                                           |  |              |
|                                                                                                           |                | SCALE: NONE                                                                                                                                                                                                                                                          |  |              |
|                                                                                                           |                | DURAMATE                                                                                                                                                                                                                                                             |  |              |
|                                                                                                           |                | SHEET 1 OF 1                                                                                                                                                                                                                                                         |  |              |

**Amphenol**

Sine Systems - www.amphenol-sine.com  
44724 Morley Drive  
Clinton Township, MI 48036

RECEPT., SIZE 24, 21-PIN,  
RD01 SEAL, SRA, DURAMATE AHDP SERIES

# AHD, ARB, ATP, ATHD, DuraMate™ and PanelMate™ Series

## Size 12 Contact & Tooling Options

### Contacts - Machined

| Part Number        | Type   | Style    | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm <sup>2</sup> ) | Insulation OD (mm) | Plating       | Reel Size | Packaging |
|--------------------|--------|----------|--------------|-----|------------------|-------------------------------|--------------------|---------------|-----------|-----------|
| AT60-204-12141-10  | Pin    | Machined | Size 12      | 25A | 10-12AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-204-12141     | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-220-1231      | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-204-12NKIT    | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-220-1231-1618 | Pin    | Machined | Size 12      | 25A | 16-18AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-220-1231-1820 | Pin    | Machined | Size 12      | 25A | 18-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-203-12141-10  | Socket | Machined | Size 12      | 25A | 10-12AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-203-12141     | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-203-12NKIT    | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-210-1231      | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-210-1231-1618 | Socket | Machined | Size 12      | 25A | 16-18AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-210-1231-1820 | Socket | Machined | Size 12      | 25A | 18-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
|                    |        |          |              |     |                  |                               |                    |               |           |           |

### Contacts - Stamped & Formed

|                 |        |     |         |     |          |                        |               |               |   |             |
|-----------------|--------|-----|---------|-----|----------|------------------------|---------------|---------------|---|-------------|
| AT60-12-0222    | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Nickel-Plated | - | -           |
| AT60-12-0222-LP | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Nickel-Plated | - | Loose Piece |
| AT60-12-0244    | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Gold-Plated   | - | -           |
| AT60-12-0244-LP | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Gold-Plated   | - | Loose Piece |
| AT60-12-0144    | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Gold-Plated   | - | -           |
| AT60-12-0144-LP | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Gold-Plated   | - | Loose Piece |
| AT60-12-0166    | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Nickel-Plated | - | -           |
| AT60-12-0166-LP | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Nickel-Plated | - | Loose Piece |
| AT62-12-0222    | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Nickel-Plated | - | -           |
| AT62-12-0222-LP | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Nickel-Plated | - | Loose Piece |
| AT62-12-0244    | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Gold-Plated   | - | -           |
| AT62-12-0244-LP | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm <sup>2</sup> | 3.56 - 5.18mm | Gold-Plated   | - | Loose Piece |
| AT62-12-0144    | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Gold-Plated   | - | -           |
| AT62-12-0144-LP | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Gold-Plated   | - | Loose Piece |
| AT62-12-0166    | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Nickel-Plated | - | -           |
| AT62-12-0166-LP | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm <sup>2</sup> | 2.87 - 4.47mm | Nickel-Plated | - | Loose Piece |
|                 |        |     |         |     |          |                        |               |               |   |             |

### Tooling

| Part Number | Tool Name                                      | Style    | Contact Size  | Wire Range (AWG) | Material | Color |
|-------------|------------------------------------------------|----------|---------------|------------------|----------|-------|
| MFX-3966    | Contact Locator for Hand Crimp Tool M300-25A   | Machined | Size 12       | 10AWG            | -        | -     |
| AUTK-12     | Hand Crimp Tool                                | Machined | Size 12       | 10-18AWG         | -        | -     |
| M300-25A    | Hand Crimp Tool w MFX-3966 Locator             | Machined | Size 12       | 10-18AWG         | -        | -     |
| CA-5E12     | Pneumatic Crimp Tool                           | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |
| CA-5D12     | Universal Hand Crimp Tool                      | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |
| AUTK-100    | Universal Heavy Duty Contact Crimping Tool Kit | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |

AHD, ARB, ATP, ATHD, DuraMate™ and PanelMate™ Series  
Size 12 Contact & Tooling Options, cont.

Tooling, cont.

| Part Number     | Tool Name                             | Style     | Contact Size | Wire Range (AWG) | Material      | Color  |
|-----------------|---------------------------------------|-----------|--------------|------------------|---------------|--------|
| MTX-3973-G or K | Crimp Die Press Applicator            | S&F       | Size 12      | 12AWG            | -             | -      |
| MTX-3985-G or K | Crimp Die Press Applicator            | S&F       | Size 12      | 10-12AWG         | -             | -      |
| ATT-12-00       | Hand Crimp Tool                       | S&F       | Size 12      | 12-14AWG         | -             | -      |
| ATT-12-01       | Hand Crimp Tool                       | S&F       | Size 12      | 10AWG            | -             | -      |
| ATRT-100        | Contact and Wedgelock Extraction Tool | Universal | Universal    | -                | Steel         | Silver |
| AT11-337-1205   | Contact Extraction Tool               | Universal | Size 12      | -                | Plastic       | Orange |
| A114017         | Seal Plug                             | Universal | Size 12/16   | -                | Thermoplastic | White  |
|                 |                                       |           |              |                  |               |        |

# AT, ATV, AHD, ARB, ARC, DuraMate™ and PanelMate™ Series

## Size 16 Contact & Tooling Options

### Contacts - Machined

| Part Number       | Type   | Style    | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm <sup>2</sup> ) | Insulation OD (mm) | Plating       | Reel Size | Packaging |
|-------------------|--------|----------|--------------|-----|------------------|-------------------------------|--------------------|---------------|-----------|-----------|
| AT60-215-16141    | Pin    | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-215-1631     | Pin    | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-202-16NKIT   | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-16141    | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-1631     | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-202-16141-22 | Pin    | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-1631-22  | Pin    | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-209-16141    | Socket | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-209-1631     | Socket | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-201-16NKIT   | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-16141    | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-1631     | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-201-16141-22 | Socket | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-1631-22  | Socket | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Gold-Plated   | -         | -         |
|                   |        |          |              |     |                  |                               |                    |               |           |           |

### Contacts - Stamped & Formed

|                 |        |     |         |     |          |                         |               |               |       |             |
|-----------------|--------|-----|---------|-----|----------|-------------------------|---------------|---------------|-------|-------------|
| AT60-14-0122    | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | -           |
| AT60-14-0122-LP | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | Loose Piece |
| AT60-14-0144    | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | -           |
| AT60-14-0144-LP | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0122    | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | -           |
| AT60-16-0122-LP | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | Loose Piece |
| AT60-16-0144    | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | -           |
| AT60-16-0144-LP | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0622    | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Nickel-Plated | -     | -           |
| AT60-16-0622-LP | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Nickel-Plated | -     | Loose Piece |
| AT60-16-0644    | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Gold-Plated   | -     | -           |
| AT60-16-0644-LP | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0322    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Nickel-Plated | -     | -           |
| AT60-16-0344    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Gold-Plated   | -     | -           |
| AT60-16-0377    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Tin-Plated    | -     | -           |
| AT60-16-0822    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Nickel-Plated | 4,000 | -           |
| AT60-16-0844    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Gold-Plated   | 4,000 | -           |
| AT62-14-0122    | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | -           |
| AT62-14-0122-LP | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | Loose Piece |
| AT62-14-0144    | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | -           |
| AT62-14-0144-LP | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | Loose Piece |
| AT62-16-0122    | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | -           |
| AT62-16-0122-LP | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | Loose Piece |
| AT62-16-0144    | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | -           |

# AT, ATV, AHD, ARB, ARC, DuraMate™ and PanelMate™ Series

## Size 16 Contact & Tooling Options, cont.

Contacts - Stamped & Formed, cont.

| Part Number     | Type   | Style | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm <sup>2</sup> ) | Insulation OD (mm) | Plating       | Reel Size | Packaging   |
|-----------------|--------|-------|--------------|-----|------------------|-------------------------------|--------------------|---------------|-----------|-------------|
| AT62-16-0144-LP | Socket | S&F   | Size 16      | 13A | 16-18AWG         | 1.5-0.75mm <sup>2</sup>       | 1.91 - 3.55mm      | Gold-Plated   | -         | Loose Piece |
| AT62-16-0622    | Socket | S&F   | Size 16      | 13A | 16-20AWG         | 1.0-0.5mm <sup>2</sup>        | 1.40 - 2.54mm      | Nickel-Plated | -         | -           |
| AT62-16-0622-LP | Socket | S&F   | Size 16      | 13A | 16-20AWG         | 1.0-0.5mm <sup>2</sup>        | 1.40 - 2.54mm      | Nickel-Plated | -         | Loose Piece |
| AT62-16-0644    | Socket | S&F   | Size 16      | 13A | 18-20AWG         | 1.0-0.5mm <sup>2</sup>        | 1.40 - 2.54mm      | Gold-Plated   | -         | -           |
| AT62-16-0644-LP | Socket | S&F   | Size 16      | 13A | 18-20AWG         | 1.0-0.5mm <sup>2</sup>        | 1.40 - 2.54mm      | Gold-Plated   | -         | Loose Piece |
| AT62-16-0822    | Socket | S&F   | Size 16      | 13A | 20-22AWG         | 0.5-0.35mm <sup>2</sup>       | 1.31 - 1.50mm      | Nickel-Plated | 4,000     | -           |
| AT62-16-0844    | Socket | S&F   | Size 16      | 13A | 20-22AWG         | 0.5-0.35mm <sup>2</sup>       | 1.31 - 1.50mm      | Gold-Plated   | 4,000     | -           |
|                 |        |       |              |     |                  |                               |                    |               |           |             |

Tooling

| Part Number      | Tool Name                                      | Style     | Contact Size  | Wire Range (AWG) | Material      | Color   |
|------------------|------------------------------------------------|-----------|---------------|------------------|---------------|---------|
| AUTK-16          | Hand Crimp Tool                                | Machined  | Size 16       | -                | -             | -       |
| AUTK-100         | Universal Heavy Duty Contact Crimping Tool Kit | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| CA-5D12          | Universal Hand Crimp Tool                      | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| CA-5E12          | Pneumatic Crimp Tool                           | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| MXF-3950-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 18-20AWG         | -             | -       |
| MXF-3953-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 16-18AWG         | -             | -       |
| MXF-3975-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 14-16AWG         | -             | -       |
| MXF-3990         | Crimp Die                                      | S&F       | Size 16       | 20-22AWG         | -             | -       |
| ATT-16-00        | Hand Crimp Tool                                | S&F       | Size 16       | 14-16AWG         | -             | -       |
| ATT-16-01        | Hand Crimp Tool                                | S&F       | Size 16       | 18-20AWG         | -             | -       |
| ATT-1612-03      | Hand Crimp Tool                                | S&F       | Size 12/16    | 20-22AWG         | -             | -       |
| ATRT-100         | Contact and Wedgelock Extraction Tool          | Universal | Universal     | -                | Steel         | Silver  |
| AT11-310-1605    | Contact Extraction Tool                        | Universal | Size 16       | -                | Plastic       | Lt Blue |
| A114017          | Seal Plug                                      | Universal | Size 12/16    | -                | Thermoplastic | White   |
| A114017-SR       | Seal Plug                                      | Universal | Size 16       | -                | Thermoplastic | Black   |
| AT13-217-1605    | Locking Seal Plug                              | Universal | Size 16       | -                | Thermoplastic | Grey    |
| AT13-217-1605-SR | Locking Seal Plug                              | Universal | Size 16       | -                | Thermoplastic | Red     |
|                  |                                                |           |               |                  |               |         |

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