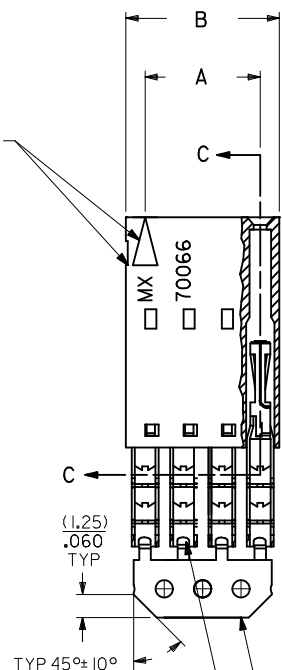


# OPTION A



- NOTES:
- MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94 V-0;  
COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE
  - FINISH:  
15 GOLD: 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD IN  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN  
OVER NICKEL UNDERPLATE OVERALL
  - TO BE USED WITH 22 AWG STRANDED WIRE WITH (1.35)/.053  
DIAMETER MAXIMUM INSULATION
  - SEE TABLE FOR AVAILABLE CIRCUIT SIZES
  - STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING  
MAY BE AVAILABLE. REQUEST DRAWING PK-70400
  - PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS
  - PRODUCT SPECIFICATION: PS-70400
  - SEE DRAWING SDA-70400-\*\*\*\* (SHEET 3) FOR OPTIONAL  
HOUSING DETAILS
  - 4 CIRCUIT SHOWN
  - TO MATE WITH MOLEX 2.54/.100 CENTERLINE HEADERS
  - 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS

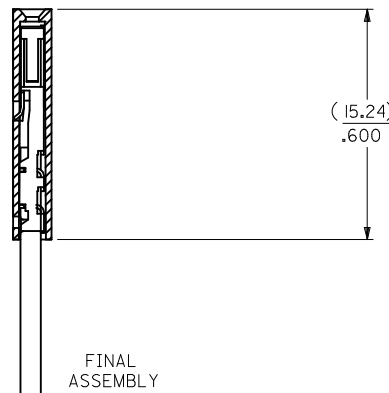
CIRCUIT NO. 1  
SLOT OR ARROW



## SECTION C-C



PRE-LOADED  
ASSEMBLY



FINAL  
ASSEMBLY

WIRE (SEE NOTE 3)

| I.D. SLOT CODE TO WIRE GAUGE CHART |            |
|------------------------------------|------------|
| I.D. SLOT CODE                     | WIRE GAUGE |
| D                                  | 22 AWG.    |

| PLATING CODE (STRIPE ON CARRIER STRIP) |        |
|----------------------------------------|--------|
| PLATING                                | COLOR  |
| 15 GOLD                                | YELLOW |

|                                                                                                                           |             |                 |                                       |        |                          |                                                            |                    |                                                                 |                                     |                     |
|---------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------------------------|--------|--------------------------|------------------------------------------------------------|--------------------|-----------------------------------------------------------------|-------------------------------------|---------------------|
| REMOVE ENG NO.<br>EC NO: UCP2011-1110<br>DRWN:MSI BARRA 2010/10/19<br>CHKD:J MORGAN 2010/10/19<br>APPR:SMILLER 2010/11/24 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM/IN |                                                            | SCALE              | DESIGN UNITS<br>INCH                                            | THIRD ANGLE PROJECTION              |                     |
|                                                                                                                           |             |                 |                                       | m/m    | INCH                     | DRAWN BY<br>MSI BARRA                                      | DATE<br>2010/10/20 | TITLE<br>ASSEMBLY, SL CONNECTOR<br>SINGLE ROW<br>2.54/.100 GRID | DOCUMENT NO.<br>SDA-70400-3175-3198 | SHEET NO.<br>1 OF 1 |
|                                                                                                                           |             |                 | 4 PLACES                              | ± ---  | ± ---                    | CHECKED BY<br>WAZ                                          | DATE<br>1987/10/26 |                                                                 |                                     |                     |
|                                                                                                                           |             |                 | 3 PLACES                              | ± ---  | ± .010                   | APPROVED BY<br>SMILLER                                     | DATE<br>2010/11/24 |                                                                 |                                     |                     |
|                                                                                                                           |             |                 | 2 PLACES                              | ± 0.25 | ± .014                   | MATERIAL NO.                                               | SEE TABLE          |                                                                 |                                     |                     |
|                                                                                                                           |             |                 | 1 PLACE                               | ± 0.35 | ± ---                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    |                                                                 |                                     |                     |

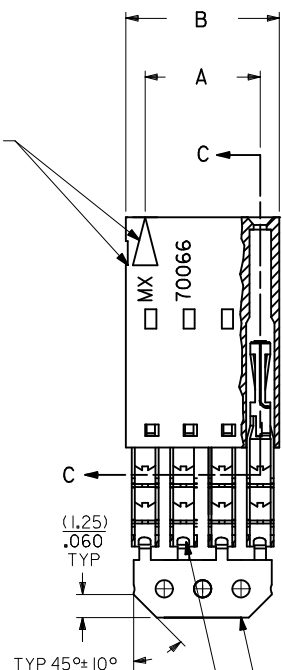
| CKT. SIZE | A                  | B                  | EDP. NO.   |
|-----------|--------------------|--------------------|------------|
| 2         | ( 2.54 )<br>.100   | ( 5.05 )<br>.199   | I4-56-7024 |
| 3         | ( 5.08 )<br>.200   | ( 7.59 )<br>.299   | I4-56-7034 |
| 4         | ( 7.62 )<br>.300   | ( 10.13 )<br>.399  | I4-56-7044 |
| 5         | ( 10.16 )<br>.400  | ( 12.67 )<br>.499  | I4-56-7054 |
| 6         | ( 12.70 )<br>.500  | ( 15.21 )<br>.599  | I4-56-7064 |
| 7         | ( 15.24 )<br>.600  | ( 17.75 )<br>.699  | I4-56-7074 |
| 8         | ( 17.78 )<br>.700  | ( 20.29 )<br>.799  | I4-56-7084 |
| 9         | ( 20.32 )<br>.800  | ( 22.83 )<br>.899  | I4-56-7094 |
| 10        | ( 22.86 )<br>.900  | ( 25.37 )<br>.999  | I4-56-7104 |
| 11        | ( 25.54 )<br>1.000 | ( 27.91 )<br>1.099 | I4-56-7114 |
| 12        | ( 27.94 )<br>1.100 | ( 30.45 )<br>1.199 | I4-56-7124 |
| 13        | ( 30.48 )<br>1.200 | ( 32.99 )<br>1.299 | I4-56-7134 |
| 14        | ( 33.02 )<br>1.300 | ( 35.53 )<br>1.399 | I4-56-7144 |
| 15        | ( 35.56 )<br>1.400 | ( 38.07 )<br>1.499 | I4-56-7154 |
| 16        | ( 38.01 )<br>1.500 | ( 40.61 )<br>1.599 | I4-56-7164 |
| 17        | ( 40.64 )<br>1.600 | ( 43.15 )<br>1.699 | I4-56-7174 |
| 18        | ( 43.18 )<br>1.700 | ( 45.69 )<br>1.799 | I4-56-7184 |
| 19        | ( 45.72 )<br>1.800 | ( 48.23 )<br>1.899 | I4-56-7194 |
| 20        | ( 48.26 )<br>1.900 | ( 50.77 )<br>1.999 | I4-56-7204 |
| 21        | ( 50.80 )<br>2.000 | ( 53.31 )<br>2.099 | I4-56-7214 |
| 22        | ( 53.34 )<br>2.100 | ( 55.85 )<br>2.199 | I4-56-7224 |
| 23        | ( 55.88 )<br>2.200 | ( 58.39 )<br>2.299 | I4-56-7234 |
| 24        | ( 58.42 )<br>2.300 | ( 60.93 )<br>2.399 | I4-56-7244 |
| 25        | ( 60.96 )<br>2.400 | ( 63.47 )<br>2.499 | I4-56-7254 |

# OPTION A



- NOTES:
- MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94 V-0;  
COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE
  - FINISH:  
15 GOLD: 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD IN  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN  
OVER NICKEL UNDERPLATE OVERALL
  - TO BE USED WITH 22 AWG STRANDED WIRE WITH (1.35)/.053  
DIAMETER MAXIMUM INSULATION
  - SEE TABLE FOR AVAILABLE CIRCUIT SIZES
  - STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING  
MAY BE AVAILABLE. REQUEST DRAWING PK-70400
  - PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS
  - PRODUCT SPECIFICATION: PS-70400
  - SEE DRAWING SDA-70400-\*\*\*\* (SHEET 3) FOR OPTIONAL  
HOUSING DETAILS
  - 4 CIRCUIT SHOWN
  - TO MATE WITH MOLEX 2.54/.100 CENTERLINE HEADERS
  - 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS

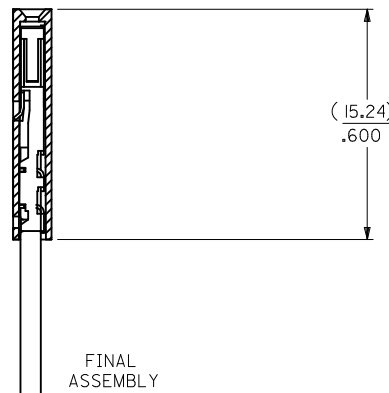
CIRCUIT NO. 1  
SLOT OR ARROW



## SECTION C-C



PRE-LOADED  
ASSEMBLY



FINAL  
ASSEMBLY

WIRE (SEE NOTE 3)

| I.D. SLOT CODE TO WIRE GAUGE CHART |            |
|------------------------------------|------------|
| I.D. SLOT CODE                     | WIRE GAUGE |
| D                                  | 22 AWG.    |

| PLATING CODE (STRIPE ON CARRIER STRIP) |        |
|----------------------------------------|--------|
| PLATING                                | COLOR  |
| 15 GOLD                                | YELLOW |

|                                                                                                                           |                                                                                                                                       |                                                                 |                                                                                                                                                             |                               |                                                            |                    |                                                                 |                      |                                                     |  |  |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------|--------------------|-----------------------------------------------------------------|----------------------|-----------------------------------------------------|--|--|
| REMOVE ENG NO.<br>EC NO: UCP2011-1110<br>DRWN:MSI BARRA 2010/10/19<br>CHKD:J MORGAN 2010/10/19<br>APPR:SMILLER 2010/11/24 | DESCRIPTION                                                                                                                           | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                       |                               | DIMENSION STYLE<br>MM/IN                                   |                    | SCALE                                                           | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION<br><div>⊙</div> <div>□</div> |  |  |
|                                                                                                                           |                                                                                                                                       |                                                                 | <div>4 PLACES ± --- ± ---</div> <div>3 PLACES ± --- ± .010</div> <div>2 PLACES ± 0.25 ± .014</div> <div>1 PLACE ± 0.35 ± ---</div> <div>ANGULAR ±1/2°</div> | <div>mm</div> <div>INCH</div> | DRAWN BY<br>MSI BARRA                                      | DATE<br>2010/10/20 | TITLE<br>ASSEMBLY, SL CONNECTOR<br>SINGLE ROW<br>2.54/.100 GRID |                      |                                                     |  |  |
|                                                                                                                           |                                                                                                                                       |                                                                 |                                                                                                                                                             |                               | CHECKED BY<br>WAZ                                          | DATE<br>1987/10/26 |                                                                 |                      |                                                     |  |  |
|                                                                                                                           |                                                                                                                                       |                                                                 |                                                                                                                                                             |                               | APPROVED BY<br>SMILLER                                     | DATE<br>2010/11/24 |                                                                 |                      |                                                     |  |  |
|                                                                                                                           |                                                                                                                                       |                                                                 |                                                                                                                                                             |                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    | MATERIAL NO.<br>SEE TABLE                                       |                      | DOCUMENT NO.<br>SDA-70400-3175-3198                 |  |  |
| REV                                                                                                                       | SIZE<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                                                                                                                                             |                               |                                                            |                    |                                                                 |                      |                                                     |  |  |

| CKT. SIZE | A                  | B                  | EDP. NO.   |
|-----------|--------------------|--------------------|------------|
| 2         | ( 2.54 )<br>.100   | ( 5.05 )<br>.199   | I4-56-7024 |
| 3         | ( 5.08 )<br>.200   | ( 7.59 )<br>.299   | I4-56-7034 |
| 4         | ( 7.62 )<br>.300   | ( 10.13 )<br>.399  | I4-56-7044 |
| 5         | ( 10.16 )<br>.400  | ( 12.67 )<br>.499  | I4-56-7054 |
| 6         | ( 12.70 )<br>.500  | ( 15.21 )<br>.599  | I4-56-7064 |
| 7         | ( 15.24 )<br>.600  | ( 17.75 )<br>.699  | I4-56-7074 |
| 8         | ( 17.78 )<br>.700  | ( 20.29 )<br>.799  | I4-56-7084 |
| 9         | ( 20.32 )<br>.800  | ( 22.83 )<br>.899  | I4-56-7094 |
| 10        | ( 22.86 )<br>.900  | ( 25.37 )<br>.999  | I4-56-7104 |
| 11        | ( 25.54 )<br>1.000 | ( 27.91 )<br>1.099 | I4-56-7114 |
| 12        | ( 27.94 )<br>1.100 | ( 30.45 )<br>1.199 | I4-56-7124 |
| 13        | ( 30.48 )<br>1.200 | ( 32.99 )<br>1.299 | I4-56-7134 |
| 14        | ( 33.02 )<br>1.300 | ( 35.53 )<br>1.399 | I4-56-7144 |
| 15        | ( 35.56 )<br>1.400 | ( 38.07 )<br>1.499 | I4-56-7154 |
| 16        | ( 38.01 )<br>1.500 | ( 40.61 )<br>1.599 | I4-56-7164 |
| 17        | ( 40.64 )<br>1.600 | ( 43.15 )<br>1.699 | I4-56-7174 |
| 18        | ( 43.18 )<br>1.700 | ( 45.69 )<br>1.799 | I4-56-7184 |
| 19        | ( 45.72 )<br>1.800 | ( 48.23 )<br>1.899 | I4-56-7194 |
| 20        | ( 48.26 )<br>1.900 | ( 50.77 )<br>1.999 | I4-56-7204 |
| 21        | ( 50.80 )<br>2.000 | ( 53.31 )<br>2.099 | I4-56-7214 |
| 22        | ( 53.34 )<br>2.100 | ( 55.85 )<br>2.199 | I4-56-7224 |
| 23        | ( 55.88 )<br>2.200 | ( 58.39 )<br>2.299 | I4-56-7234 |
| 24        | ( 58.42 )<br>2.300 | ( 60.93 )<br>2.399 | I4-56-7244 |
| 25        | ( 60.96 )<br>2.400 | ( 63.47 )<br>2.499 | I4-56-7254 |

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