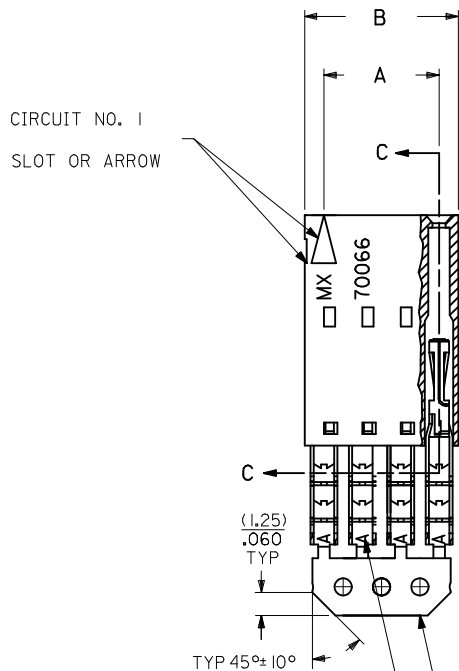


# OPTION A

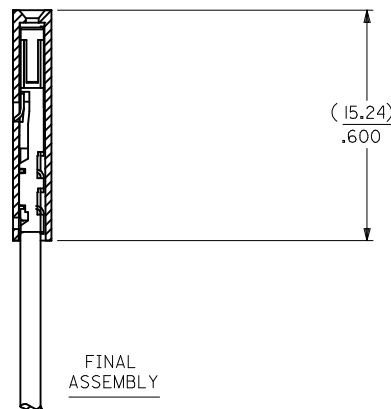
- NOTES:
- MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94 V-0;  
COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE
  - FINISH:  
30 GOLD: 0.76 MICROMETERS/30 MICROINCHES MINIMUM GOLD IN  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN  
OVER NICKEL UNDERPLATE OVERALL
  - TO BE USED WITH 24 AWG STRANDED 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



## 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 |
| A                                  | 24 AWG.    |

| PLATING CODE (STRIPE ON CARRIER STRIP) |       |
|----------------------------------------|-------|
| PLATING                                | COLOR |
| 30 GOLD                                | RED   |

| REMOVE ENG NO.     |                |
|--------------------|----------------|
| EC NO: UCP2011-110 | 2010/10/19     |
| DRWN:MSIBARRA      | 2010/10/19     |
| CHKD:MORGAN        | 2010/10/19     |
| APPR:SMILLER       | 2010/11/24     |
| REV                | DESCRIPTION    |
| G                  | REMOVE ENG NO. |

| QUALITY SYMBOLS                                            |        |
|------------------------------------------------------------|--------|
| ▽=0                                                        | ▽=0    |
| ▽=0                                                        | ▽=0    |
| ▽=0                                                        | ▽=0    |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |
| mm                                                         | INCH   |
| 4 PLACES ± .005                                            | ± .005 |
| 3 PLACES ± .005                                            | ± .010 |
| 2 PLACES ± 0.25                                            | ± .014 |
| 1 PLACE ± 0.35                                             | ± .014 |
| ANGULAR ± 1/2°                                             |        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |

| DIMENSION STYLE     |            |
|---------------------|------------|
| MM/IN               | DATE       |
| DRAWN BY MSIBARRA   | 2010/10/19 |
| CHECKED BY WAZ      | 2010/10/19 |
| APPROVED BY SMILLER | 2010/11/24 |
| MATERIAL NO.        |            |
| SEE TABLE           |            |
| SIZE                |            |
| C                   |            |

| SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| INCH                                                                                                                          | INCH         | THIRD ANGLE PROJECTION |
| TITLE                                                                                                                         |              |                        |
| ASSEMBLY, SL CONNECTOR<br>SINGLE ROW<br>2.54/.100 GRID                                                                        |              |                        |
| MOLEX INCORPORATED                                                                                                            |              |                        |
| DOCUMENT NO. SDA-70400-1051-1074                                                                                              |              | SHEET NO. 1 OF 1       |
| 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   | 14-56-2027 |
| 3         | ( 5.08 )<br>.200   | ( 7.59 )<br>.299   | 14-56-2037 |
| 4         | ( 7.62 )<br>.300   | ( 10.13 )<br>.399  | 14-56-2047 |
| 5         | ( 10.16 )<br>.400  | ( 12.67 )<br>.499  | 14-56-2057 |
| 6         | ( 12.70 )<br>.500  | ( 15.21 )<br>.599  | 14-56-2067 |
| 7         | ( 15.24 )<br>.600  | ( 17.75 )<br>.699  | 14-56-2077 |
| 8         | ( 17.78 )<br>.700  | ( 20.29 )<br>.799  | 14-56-2087 |
| 9         | ( 20.32 )<br>.800  | ( 22.83 )<br>.899  | 14-56-2097 |
| 10        | ( 22.86 )<br>.900  | ( 25.37 )<br>.999  | 14-56-2107 |
| 11        | ( 25.40 )<br>1.000 | ( 27.91 )<br>1.099 | 14-56-2117 |
| 12        | ( 27.94 )<br>1.100 | ( 30.45 )<br>1.199 | 14-56-2127 |
| 13        | ( 30.48 )<br>1.200 | ( 32.99 )<br>1.299 | 14-56-2137 |
| 14        | ( 33.02 )<br>1.300 | ( 35.53 )<br>1.399 | 14-56-2147 |
| 15        | ( 35.56 )<br>1.400 | ( 38.07 )<br>1.499 | 14-56-2157 |
| 16        | ( 38.10 )<br>1.500 | ( 40.61 )<br>1.599 | 14-56-2167 |
| 17        | ( 40.64 )<br>1.600 | ( 43.15 )<br>1.699 | 14-56-2177 |
| 18        | ( 43.18 )<br>1.700 | ( 45.69 )<br>1.799 | 14-56-2187 |
| 19        | ( 45.72 )<br>1.800 | ( 48.23 )<br>1.899 | 14-56-2197 |
| 20        | ( 48.26 )<br>1.900 | ( 50.77 )<br>1.999 | 14-56-2207 |
| 21        | ( 50.80 )<br>2.000 | ( 53.31 )<br>2.099 | 14-56-2217 |
| 22        | ( 53.34 )<br>2.100 | ( 55.85 )<br>2.199 | 14-56-2227 |
| 23        | ( 55.88 )<br>2.200 | ( 58.39 )<br>2.299 | 14-56-2237 |
| 24        | ( 58.42 )<br>2.300 | ( 60.93 )<br>2.399 | 14-56-2247 |
| 25        | ( 60.96 )<br>2.400 | ( 63.47 )<br>2.499 | 14-56-2257 |