

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[14-56-2122](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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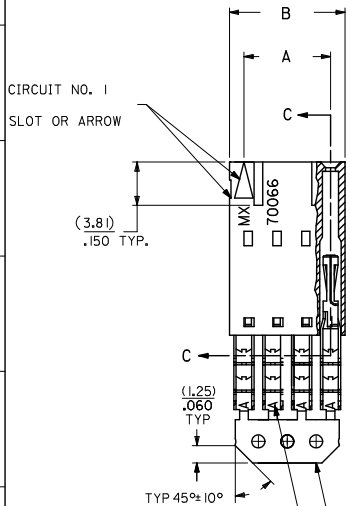
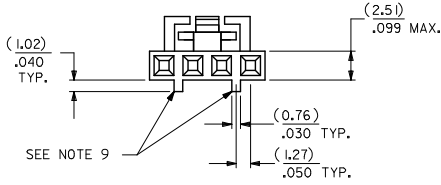
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## OPTION G



### NOTES:

#### 1. MATERIAL:

HOUSING: POLYESTER(PBT), GLASS FILLED, UL94 V-0;

COLOR: BLACK

TERMINAL: PHOSPHOR BRONZE

#### 2. FINISH:

15 GOLD: 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD IN

191 MICROMETERS/75 MICROINCHES MINIMUM TIN

OVER NICKEL UNDERPLATE OVERALL

#### 3. TO BE USED WITH 24 AWG STRANDED WIRE WITH (1.35)/.053

DIAMETER MAXIMUM INSULATION

#### 4. SEE TABLE FOR AVAILABLE CIRCUIT SIZES

#### 5. STANDARD PACKAGING PER PK-70873-0001, OPTIONAL PACKAGING

MAY BE AVAILABLE, REQUEST DRAWING PK-70400

#### 6. PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS

#### 7. PRODUCT SPECIFICATION: PS-70400

#### 8. SEE DRAWING SDA-70400-\*\*\*\* (SHEET 3) FOR OPTIONAL

HOUSING DETAILS

#### 9. 4 CIRCUIT SHOWN, 3-25 CIRCUITS HAVE 2 RIBS

#### 10. TO MATE WITH MOLEX PART NUMBERS: A-70373-\*\*\*\*,

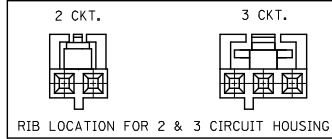
A-70375-\*\*\*\*, A-70389-\*\*\*\*, A-70391-\*\*\*\*,

A-70107-\*\*\*\*, A-70018-\*\*\*\*, A-70543-\*\*\*\*,

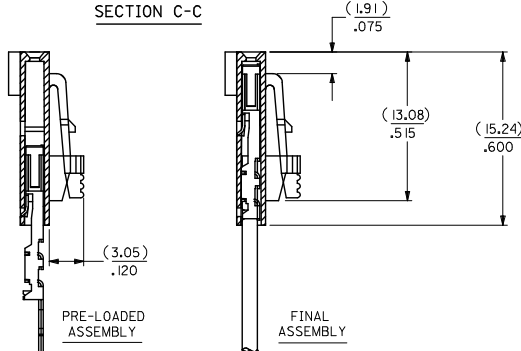
A-70553-\*\*\*\*, A-70541-\*\*\*\*, A-70551-\*\*\*\*,

A-70545-\*\*\*\*, A-70555-\*\*\*\*

#### 11. 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS



### SECTION C-C



| CKT. SIZE | A                  | B                  | EDP. NO.   |
|-----------|--------------------|--------------------|------------|
| 2         | ( 2.54 )<br>.100   | ( 5.05 )<br>.199   | I4-56-2022 |
| 3         | ( 5.08 )<br>.200   | ( 7.59 )<br>.299   | I4-56-2032 |
| 4         | ( 7.62 )<br>.300   | ( 10.13 )<br>.399  | I4-56-2042 |
| 5         | ( 10.16 )<br>.400  | ( 12.67 )<br>.499  | I4-56-2052 |
| 6         | ( 12.70 )<br>.500  | ( 15.21 )<br>.599  | I4-56-2062 |
| 7         | ( 15.24 )<br>.600  | ( 17.75 )<br>.699  | I4-56-2072 |
| 8         | ( 17.78 )<br>.700  | ( 20.29 )<br>.799  | I4-56-2082 |
| 9         | ( 20.32 )<br>.800  | ( 22.83 )<br>.899  | I4-56-2092 |
| 10        | ( 22.86 )<br>.900  | ( 25.37 )<br>.999  | I4-56-2102 |
| 11        | ( 25.40 )<br>1.000 | ( 27.91 )<br>1.099 | I4-56-2112 |
| 12        | ( 27.94 )<br>1.100 | ( 30.45 )<br>1.199 | I4-56-2122 |
| 13        | ( 30.48 )<br>1.200 | ( 32.99 )<br>1.299 | I4-56-2132 |
| 14        | ( 33.02 )<br>1.300 | ( 35.53 )<br>1.399 | I4-56-2142 |
| 15        | ( 35.56 )<br>1.400 | ( 38.07 )<br>1.499 | I4-56-2152 |
| 16        | ( 38.10 )<br>1.500 | ( 40.61 )<br>1.599 | I4-56-2162 |
| 17        | ( 40.64 )<br>1.600 | ( 43.15 )<br>1.699 | I4-56-2172 |
| 18        | ( 43.18 )<br>1.700 | ( 45.69 )<br>1.799 | I4-56-2182 |
| 19        | ( 45.72 )<br>1.800 | ( 48.23 )<br>1.899 | I4-56-2192 |
| 20        | ( 48.26 )<br>1.900 | ( 50.77 )<br>1.999 | I4-56-2202 |
| 21        | ( 50.80 )<br>2.000 | ( 53.31 )<br>2.099 | I4-56-2212 |
| 22        | ( 53.34 )<br>2.100 | ( 55.85 )<br>2.199 | I4-56-2222 |
| 23        | ( 55.88 )<br>2.200 | ( 58.39 )<br>2.299 | I4-56-2232 |
| 24        | ( 58.42 )<br>2.300 | ( 60.93 )<br>2.399 | I4-56-2242 |
| 25        | ( 60.96 )<br>2.400 | ( 63.47 )<br>2.499 | I4-56-2252 |

| 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  |
| 15 GOLD                                | YELLOW |

| REMOVE ENG. NO.<br>EC NO. UCP2011-110<br>DRAWN BY MSIBARRA<br>2010/10/19<br>CHECKED BY CHKJORGAN<br>2010/10/19<br>APPROVED BY SMILLER<br>2010/11/24 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± .005 ± .002<br>3 PLACES ± .010 ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.35 ± .014<br>ANGULAR ± 1/2° | DIMENSION STYLE<br>MM/IN | SCALE<br>INCH | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | TITLE<br>ASSEMBLY, SL CONNECTOR<br>SINGLE ROW<br>2.54/100 GRID | MATERIAL NO.<br>SDA-70400-0666-0689 | DOCUMENT NO. | SHEET NO.<br>1 OF 1 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|----------------------|------------------------|----------------------------------------------------------------|-------------------------------------|--------------|---------------------|
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