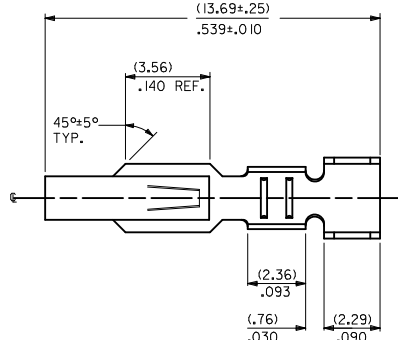
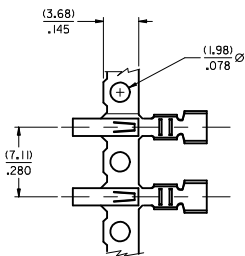


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



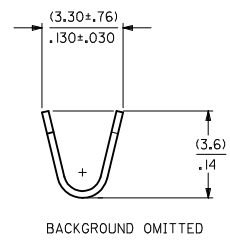
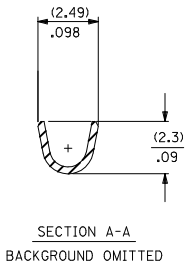
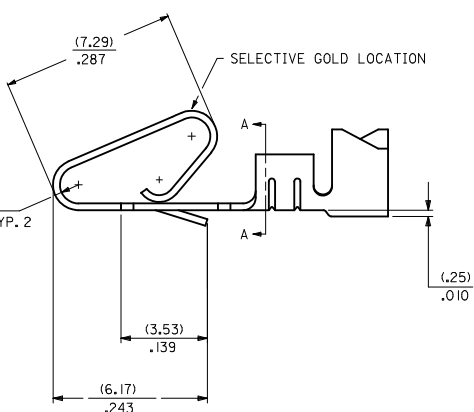
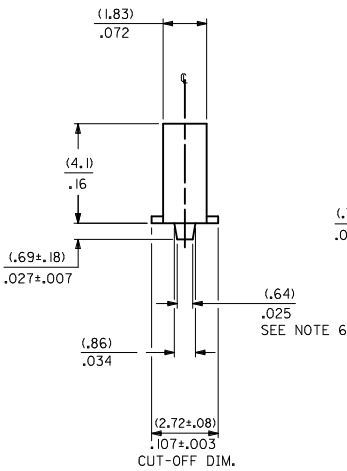
MATERIAL CODE  
(.27)/.0106 THK  
I=BRASS  
3=PHOS BRONZE

OPTION CODE  
BLANK=AS SHOWN  
C=CAT EAR OPTION

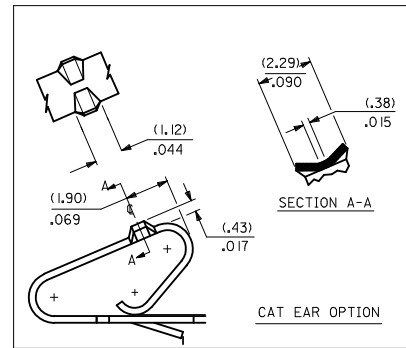
WINDING SPEC.  
A=PER ES-339-A  
BLANK=PER ES-339-B  
L=LOOSE

FINISH:

- (P909) OVERALL HOT TIN DIP: (0.00254)/.000100 MIN.  
(122) OVERALL TIN: (0.00381)/.000150 MIN.  
OVER (0.00076)/.000030 MIN. NICKEL  
(154) OVERALL TIN: (0.00254)/.000100 MIN.  
OVER (0.00127)/.000050 MIN. NICKEL  
(224) OVERALL MATTE TIN: (0.00508)/.000200 MIN.  
OVER (0.00127)/.000050 MIN. NICKEL  
(550) SELECT GOLD: (0.00038)/.000015 MIN.  
OVERALL GOLD FLASH: (0.00005)/.000002 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.  
(555) SELECT GOLD: (0.00038)/.000015 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.  
(558) SELECT GOLD: (0.00076)/.000030 MIN.  
OVERALL GOLD FLASH: (0.00005)/.000002 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.  
(561) SELECT GOLD: (0.00076)/.000030 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.  
(591) SELECT GOLD: (0.00127)/.000050 MIN.  
OVERALL GOLD FLASH: (0.00005)/.000002 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.



- NOTES:  
1. MATERIAL: SEE LEGEND  
2. FINISH: SEE LEGEND  
3. THIS PART CONFORMS TO PRODUCT SPECIFICATION PS-08-50.  
4. PACKAGING SPECIFICATION: LOOSE TERMINALS: PER PK-2759-001  
CHAIN FORM TERMINALS: NONE  
5. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.  
6. (0.86 ±0.05)/.034 ±.002 IS AN OPTIONAL DESIGN.  
7. CRIMP ACCEPTS 18 TO 24 AWG WIRE WITH (2.79)/.110 MAX. INSULATION DIAMETER.  
AND CAN ACCEPT (3.00)/.118 MAX. INSULATION DIAMETER WITH SPECIAL TOOLING.  
8. TERMINAL FOR USE IN 2139, 3001, 3069, AND 91813 SERIES HOUSINGS WITH (2.54)/.100 MAX. INSULATION DIAMETER,  
2574, 6422, AND 5239 SERIES HOUSINGS WITH (2.79)/.110 MAX. INSULATION DIAMETER,  
AND 41695 SERIES HOUSING WITH (3.00)/.118 MAX. INSULATION DIAMETER.  
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



|                                                                                                                                     |                                                            |             |                                       |  |                                                                                                                                  |                    |                                                             |                      |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| REMOVE 208 PLTING<br>EC NO: UCP2012-2810<br>DRAWN: JAGUILAR 2012/02/27<br>CHKD: MATT KIPPER 2012/02/27<br>APPR: F. SMITH 2012/03/20 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0                       | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM/IN                                                                                                         |                    | SCALE<br>10:1                                               | DESIGN UNITS<br>INCH |  THIRD ANGLE PROJECTION |
|                                                                                                                                     |                                                            |             |                                       |  | DRAWN BY<br>SAMIEC                                                                                                               | DATE<br>06/03/86   | TITLE<br>CRIMP TERMINAL<br>.156 CENTERS<br>18 TO 24 GA WIRE |                      |                                                                                                              |
|                                                                                                                                     |                                                            |             |                                       |  | CHECKED BY<br>PATEL                                                                                                              | DATE<br>06/03/86   | MOLEX INCORPORATED                                          |                      |                                                                                                              |
|                                                                                                                                     |                                                            |             |                                       |  | APPROVED BY<br>FSMITH                                                                                                            | DATE<br>2012/03/20 | DOCUMENT NO.<br>SD-2478                                     |                      |                                                                                                              |
|                                                                                                                                     |                                                            |             |                                       |  | MATERIAL NO.<br>SEE CHART                                                                                                        |                    | SHEET NO.<br>1 OF 2                                         |                      |                                                                                                              |
|                                                                                                                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |             | SIZE<br>D                             |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                             |                      |                                                                                                              |

|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|---|---------------|----------------|----|----|---------------|----------------|----|----|----------------|----------------|----|---|----------------|-----------------|---|---|---|---|---|---|---|
|   | 20            | 19             | 18 | 17 | 16            | 15             | 14 | 13 | 12             | 11             | 10 | 9 | 8              | 7               | 6 | 5 | 4 | 3 | 2 | 1 |   |
| M | 2478-1-(***)* |                |    |    | 2478-3-(***)* |                |    |    | 2478-1C-(***)* |                |    |   | 2478-3C-(***)* |                 |   |   |   |   |   |   | M |
|   | PART NO.      | ENG. NO.       |    |    | PART NO.      | ENG. NO.       |    |    | PART NO.       | ENG. NO.       |    |   | PART NO.       | ENG. NO.        |   |   |   |   |   |   |   |
|   | 08-50-0105    | 2478-1-(P909)  |    |    | 08-52-0071    | 2478-3-(P909)  |    |    | 08-50-0091     | 2478-1C-(154)  |    |   | 08-52-0044     | 2478-3C-(P909)  |   |   |   |   |   |   |   |
|   | 08-50-0106    | 2478-1-(P909)L |    |    | 08-52-0072    | 2478-3-(P909)L |    |    | 08-50-0093     | 2478-1C-(154)L |    |   | 08-52-0045     | 2478-3C-(P909)L |   |   |   |   |   |   |   |
| L | 08-56-0105    | 2478-1-(550)   |    |    | 08-65-0114    | 2478-3-(555)   |    |    |                |                |    |   | 08-52-0023     | 2478-3C-(154)   |   |   |   |   |   |   | L |
|   | 08-56-0106    | 2478-1-(550)L  |    |    | 08-65-0115    | 2478-3-(555)L  |    |    |                |                |    |   | 08-52-0024     | 2478-3C-(154)L  |   |   |   |   |   |   |   |
|   | 08-55-0103    | 2478-1-(555)   |    |    | 08-52-0811    | 2478-3-(154)   |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-55-0104    | 2478-1-(555)L  |    |    | 08-52-0812    | 2478-3-(154)L  |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| K | 08-50-0119    | 2478-1-(122)   |    |    | 08-50-0281    | 2478-3-(122)   |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | K |
|   | 08-50-0120    | 2478-1-(122)L  |    |    |               | 2478-3-(122)L  |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-50-0271    | 2478-1-(P909)A |    |    | 08-58-0121    | 2478-3-(550)   |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-50-0015    | 2478-1-(154)   |    |    | 08-58-0122    | 2478-3-(550)L  |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-50-0016    | 2478-1-(154)L  |    |    | 08-58-0103    | 2478-3-(591)   |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| J | 08-50-0063    | 2478-1-(224)   |    |    | 08-58-0104    | 2478-3-(591)L  |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | J |
|   | 08-50-0064    | 2478-1-(224)L  |    |    | 08-58-0114    | 2478-3-(558)   |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-55-0133    | 2478-1-(561)   |    |    | 08-58-0115    | 2478-3-(558)L  |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   | 08-55-0134    | 2478-1-(561)L  |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| I |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | I |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| H |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | H |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| G |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | G |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| F |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | F |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| E |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | E |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| D |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | D |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| C |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | C |
|   |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   |   |
| B |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | B |
| A |               |                |    |    |               |                |    |    |                |                |    |   |                |                 |   |   |   |   |   |   | A |

REMOVE 208 PLTG  
EC NO: UCP2012-2810  
DRAWN: JAGUILAR 2012/02/27  
CHKD: MATT KIPPER 2012/02/27  
APPR: F. SMITH 2012/03/20

REV  
Y

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               |      |       |
|---------------|------|-------|
|               | mm   | INCH  |
| 4 PLACES ±    | ---  | ±---  |
| 3 PLACES ±    | ---  | ±.010 |
| 2 PLACES ±    | 0.25 | ±.014 |
| 1 PLACE ±     | 0.36 | ±---  |
| ANGULAR ±1/2° |      |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

DRAWN BY  
SAMIEC

CHECKED BY  
PATEL

APPROVED BY  
FSMITH

MATERIAL NO.  
SEE CHART

SIZE  
D

DATE  
06/03/86  
06/03/86  
2012/03/20

SCALE  
1:1

DESIGN UNITS  
INCH

THIRD ANGLE PROJECTION

TITLE  
CRIMP TERMINAL  
.156 CENTERS  
18 TO 24 GA WIRE

MOLEX INCORPORATED

DOCUMENT NO.  
SD-2478

SHEET NO.  
2 OF 2