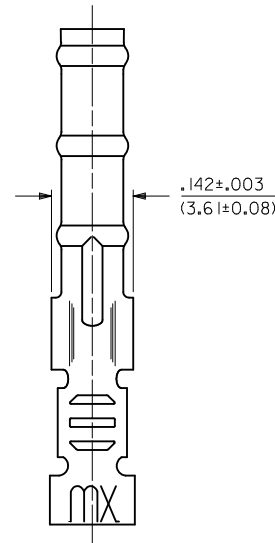
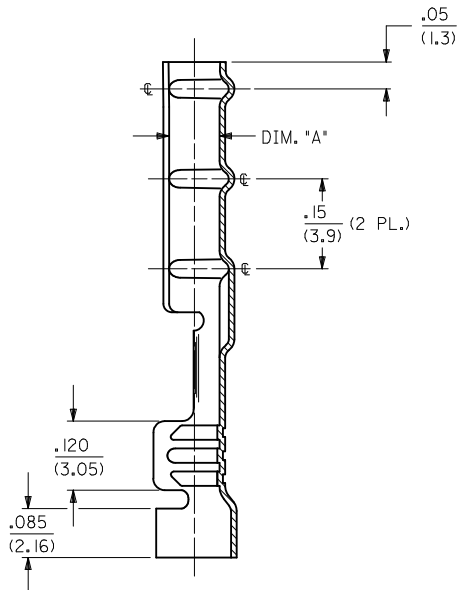
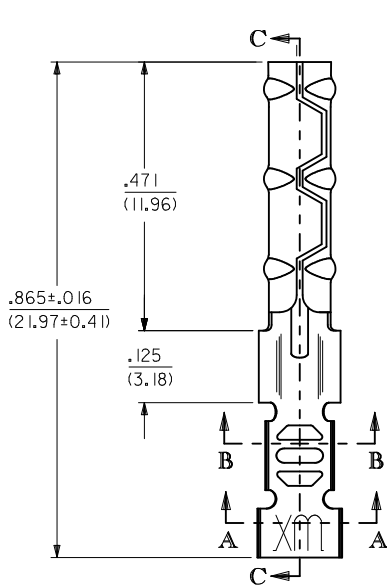
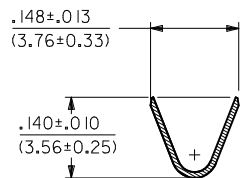


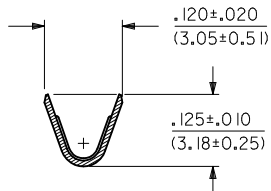
1881-2\*\*\* TERMINAL SHOWN (16-24 AWG)  
SEE SHEET 2 FOR 1881-3\*\*\* TERMINAL



**SECTION C-C**



**SECTION A-A**



**SECTION B-B**

|                                                                                                 |                                        |                                      |
|-------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|
| <b>UPDATE REV. LEVELS</b><br>EC NO: UCP2011-3131<br>DRWN: AELHAG<br>CHKD: JBELL<br>APPR: FSMITH | 2011/04/11<br>2011/04/11<br>2011/05/23 | <b>QUALITY SYMBOLS</b><br>▽=0<br>▽=0 |
|-------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|

| <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>         |                                                                                                                                                                                                                                                                                                                                 |         |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|------|----------|--------|---------|----------|--------|---------|----------|--------|--------|---------|--------|--------|
|                                                      | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.36</td> <td>± .014</td> </tr> </table> |         | mm | INCH | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .010 | ± .0010 | 2 PLACES | ± 0.25 | ± .014 | 1 PLACE | ± 0.36 | ± .014 |
|                                                      | mm                                                                                                                                                                                                                                                                                                                              | INCH    |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| 4 PLACES                                             | ± .005                                                                                                                                                                                                                                                                                                                          | ± .0005 |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| 3 PLACES                                             | ± .010                                                                                                                                                                                                                                                                                                                          | ± .0010 |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| 2 PLACES                                             | ± 0.25                                                                                                                                                                                                                                                                                                                          | ± .014  |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| 1 PLACE                                              | ± 0.36                                                                                                                                                                                                                                                                                                                          | ± .014  |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| ANGULAR ±1/2°                                        |                                                                                                                                                                                                                                                                                                                                 |         |    |      |          |        |         |          |        |         |          |        |        |         |        |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                                                                                                                                                                                                                 |         |    |      |          |        |         |          |        |         |          |        |        |         |        |        |

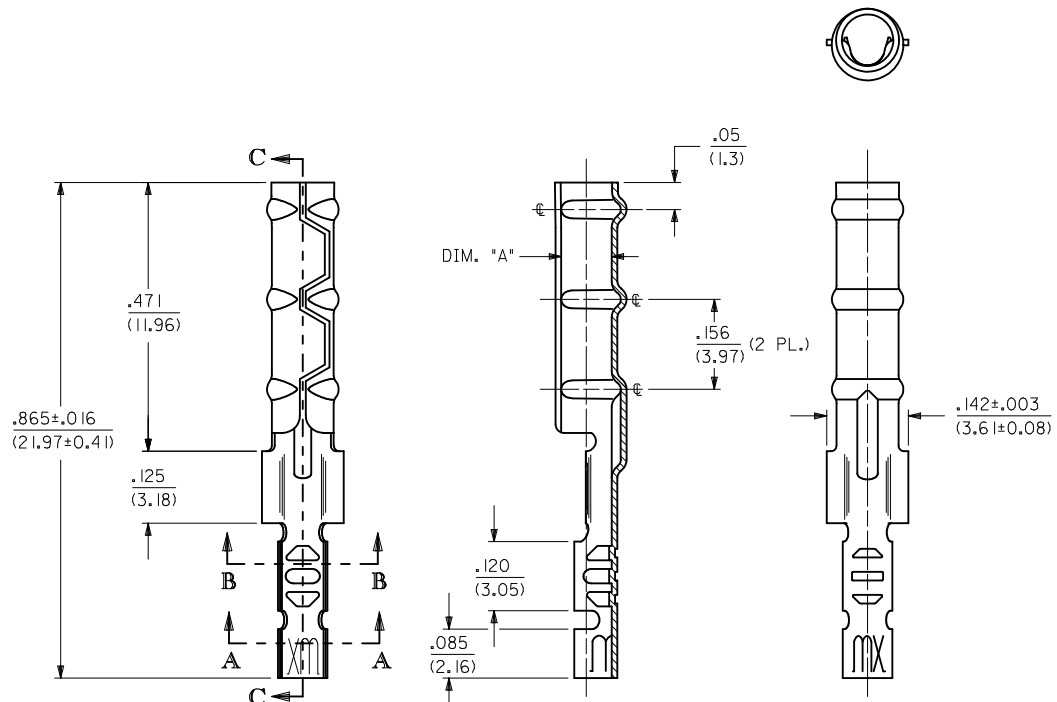
|                                  |                    |
|----------------------------------|--------------------|
| <b>DIMENSION STYLE</b><br>IN/MM  |                    |
| DRAWN BY<br>AELHAG               | DATE<br>2011/04/11 |
| CHECKED BY<br>JBELL              | DATE<br>2011/04/11 |
| APPROVED BY _____ DATE _____     |                    |
| MATERIAL NO.<br><b>SEE CHART</b> |                    |

|                                        |                      |                        |
|----------------------------------------|----------------------|------------------------|
| SCALE<br><b>6:1</b>                    | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
| <b>CRIMP TERMINAL SOCKET, CLASPCON</b> |                      |                        |
| MOLEX INCORPORATED                     |                      | SHEET NO.<br>1 OF 2    |
| DOCUMENT NO.<br><b>SD-1881-*</b>       |                      |                        |

|         |    |
|---------|----|
| 2       | L2 |
| 1       | L2 |
| SHT/REV |    |

| CHART       |             |                          |                        |          |
|-------------|-------------|--------------------------|------------------------|----------|
| PART NUMBER | ENG. NUMBER | DIMENSION "A" (DIA.)     | INTERLEAF PAPER OPTION |          |
| 02-08-1102  | 1881-2L IA  | .085/.090<br>(2.16/2.29) | YES                    |          |
| 02-08-1101  | 1881-2C IA  |                          |                        |          |
| 02-08-5101  | 1881-2C1A-I |                          |                        |          |
| 02-08-1106  | 1881-2L IB  | .083/.088<br>(2.11/2.24) |                        | OBSOLETE |
| 02-08-1105  | 1881-2C IB  |                          |                        | OBSOLETE |
|             |             |                          |                        |          |
| 02-08-1104  | 1881-3L IA  | .085/.090<br>(2.16/2.29) |                        |          |
| 02-08-1103  | 1881-3C IA  |                          |                        |          |
|             |             |                          |                        |          |
| 02-08-1107  | 1881-4C IA  | .085/.090<br>(2.16/2.29) |                        | OBSOLETE |
| 02-08-1108  | 1881-4L IA  |                          |                        | OBSOLETE |
|             |             |                          |                        |          |

1881-3\*\*\* TERMINAL SHOWN (24-30 AWG)  
SEE SHEET 1 FOR 1881-2\*\*\* TERMINAL



**LEGEND**

1881-\*\*\*-\*

CRIMP STYLE  
2 = 16-24 AWG  
3 = 24-30 AWG  
4 = 22 AWG

FORM  
L = LOOSE  
C = CHAIN

INTERLEAF PAPER OPTION  
BLANK : INTERLEAF PAPER ON FIRST FEW WRAPS ONLY.  
I : INTERLEAF PAPER THROUGH OUT REEL.

BARREL I.D.  
A = .085/.090 BARREL I.D.

FINISH  
(\*P\* PRECEEDING FINISH NO. DESIGNATES PREPLATED MATERIAL)  
1 = P901 - HOT TIN DIP: .000020/(0.00051) MIN.

- NOTES:
1. MATERIAL: CARTRIDGE BRASS
  2. FINISH: SEE LEGEND
  3. PRODUCT SPECIFICATION: N/A
  4. PACKAGING SPECIFICATION: N/A
  5. 1881 "CLASPCON" SERIES TERMINAL WITH THE STANDARD BARREL I.D. IS INTENDED FOR MATING TO .093/(2.36) DIA. P.C. BOARD PINS.
  6. INITIAL EXTRACTION FORCE TO BE 4.0±1.5 LBS. FROM AN .093/.092 / (2.36/2.34) DIA. PIN AND 2 LBS. MIN. AFTER THE 10TH EXTRACTION ON STANDARD BARREL I.D.

|                                                                                          |                                        |             |                               |                                                      |                                                                                                                               |                          |                           |                                          |                      |                        |
|------------------------------------------------------------------------------------------|----------------------------------------|-------------|-------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|------------------------------------------|----------------------|------------------------|
| ADD P/N 02-08-5101<br>EC NO: UCP2011-3131<br>DRWN: AELHAG<br>CHKD: JBELL<br>APPR: FSMITH | 2011/04/11<br>2011/04/11<br>2011/05/23 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                                                                                                                               | DIMENSION STYLE<br>IN/MM |                           | SCALE<br>6:1                             | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|                                                                                          |                                        |             |                               | mm                                                   | INCH                                                                                                                          | DRAWN BY<br>AELHAG       | DATE<br>2011/04/11        | TITLE<br>CRIMP TERMINAL SOCKET, CLASPCON |                      |                        |
|                                                                                          |                                        |             |                               | 4 PLACES ± --- ± ---                                 | DRAWN BY<br>AELHAG                                                                                                            |                          | DATE<br>2011/04/11        |                                          |                      |                        |
|                                                                                          |                                        |             |                               | 3 PLACES ± --- ± .010                                | CHECKED BY<br>JBELL                                                                                                           |                          | DATE<br>2011/04/11        |                                          |                      |                        |
|                                                                                          |                                        |             |                               | 2 PLACES ± 0.25 ± .014                               | APPROVED BY                                                                                                                   |                          | DATE                      |                                          |                      |                        |
|                                                                                          |                                        |             |                               | 1 PLACE ± 0.36 ± ---                                 | MATERIAL NO.<br>SEE CHART                                                                                                     |                          | DOCUMENT NO.<br>SD-1881-* | SHEET NO.<br>2 OF 2                      |                      |                        |
|                                                                                          |                                        |             |                               | ANGULAR ±1/2°                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                          |                           |                                          |                      |                        |
|                                                                                          |                                        |             |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               |                          |                           |                                          |                      |                        |