

# MATERIALS AND FINISHES

BODY ZINC  
PLATED TIN (100 MICROINCHES MIN)

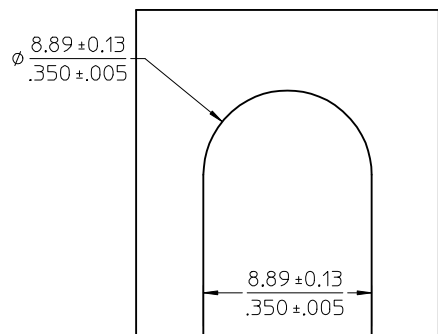
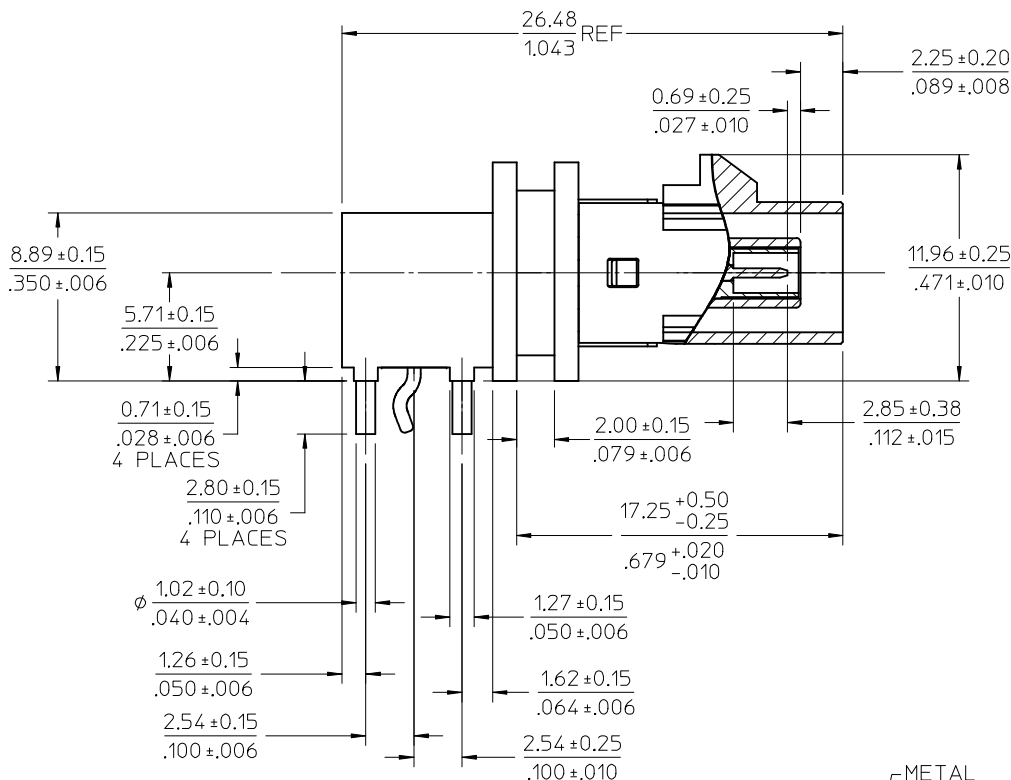
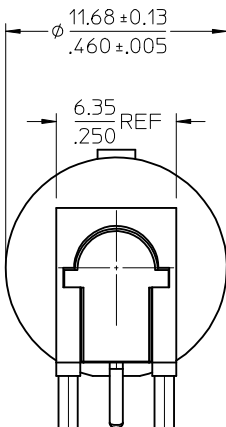
CENTER CONTACT PHOSPHOR BRONZE  
PLATED GOLD (30 MICROINCHES MIN)

INSULATOR TEFLON

OUTER CASING: HIGH TEMPERATURE PLASTIC  
KEYING: SEE SHEET 2  
COLOR: SEE SHEET 2

RETENTION SPECIFICATION:

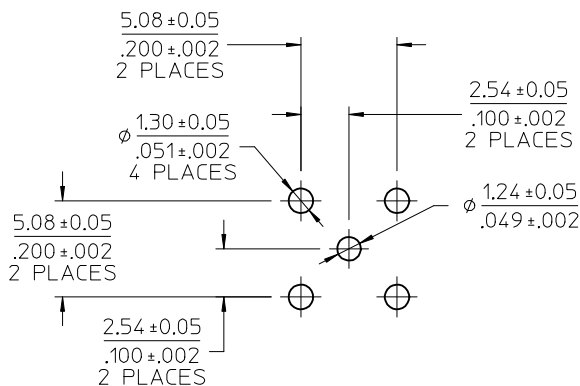
THE FAKRA CONNECTOR WILL WITHSTAND  
A LONGITUDINAL FORCE OF 110 N (24.75 LBS)



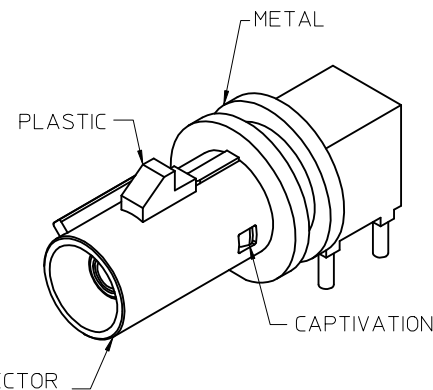
RECOMMENDED PANEL LAYOUT

1.89mm (.074 inch) MAX PANEL

PART # SEE SHEET 2



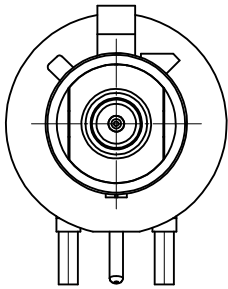
RECOMMENDED PCB LAYOUT



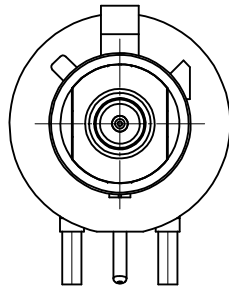
FAKRA CONNECTOR  
KEYING CODE D SHOWN

|                                                                                                                                           |             |                                      |                                                            |       |                             |             |                              |                                                                                       |                                                                                                                                  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------|------------------------------------------------------------|-------|-----------------------------|-------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| ADDED DIM. AND<br>SHEET 3<br>PER RF14-E093<br><br>EC NO: URF2014-0486<br>2014/02/25<br><br>DRWN:LIN<br>CHKD:<br>APPR:MHUANG<br>2014/02/27 | DESCRIPTION | QUALITY<br>SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>MM/IN    |             | SCALE                        | DESIGN UNITS<br>METRIC                                                                |  THIRD ANGLE<br>PROJECTION                  |  |  |  |  |
|                                                                                                                                           |             |                                      |                                                            | mm    | INCH                        | DRAWN BY    | DATE                         | TITLE                                                                                 |                                                                                                                                  |  |  |  |  |
|                                                                                                                                           |             |                                      | 4 PLACES                                                   | ± --- | ± ---                       | SSS         | 2001/02/28                   | SMB JACK, R/A, FAKRA                                                                  |                                                                                                                                  |  |  |  |  |
|                                                                                                                                           |             |                                      | 3 PLACES                                                   | ± --- | ± ---                       | CHECKED BY  | DATE                         | KINKED TAIL, 50 OHMS                                                                  |                                                                                                                                  |  |  |  |  |
|                                                                                                                                           |             |                                      | 2 PLACES                                                   | ± --- | ± ---                       | TEF         | 2001/02/28                   | SMB-J/PCB                                                                             |                                                                                                                                  |  |  |  |  |
|                                                                                                                                           |             |                                      | 1 PLACE                                                    | ± --- | ± ---                       | APPROVED BY | DATE                         |  | MOLEX INCORPORATED                                                                                                               |  |  |  |  |
|                                                                                                                                           |             |                                      | ANGULAR ± 2 °                                              |       | MHUANG                      | 2010/04/26  |                              |                                                                                       |                                                                                                                                  |  |  |  |  |
|                                                                                                                                           |             |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | MATERIAL NO.<br>SEE SHEET 2 |             | DOCUMENT NO.<br>SD-73415-286 |                                                                                       | SHEET NO.<br>1 OF 3                                                                                                              |  |  |  |  |
|                                                                                                                                           |             |                                      | REV                                                        | A7    |                             |             |                              | SIZE                                                                                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |

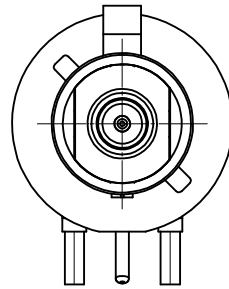
J  
I  
H  
G  
F  
E  
D  
C  
B  
A



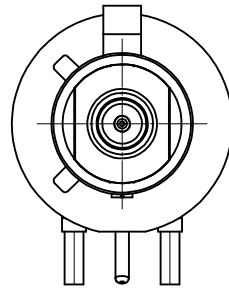
CODE - A



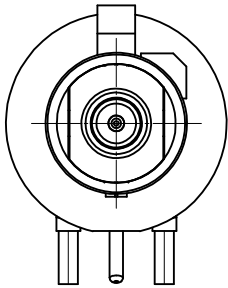
CODE - B



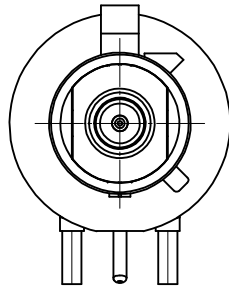
CODE - C



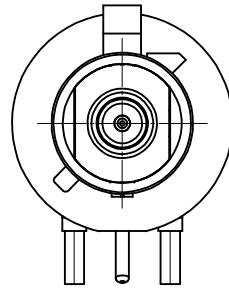
CODE - D



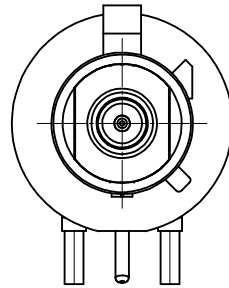
CODE - E



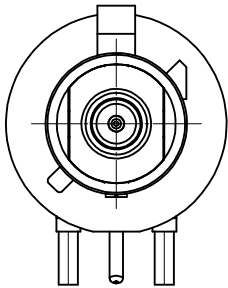
CODE - F



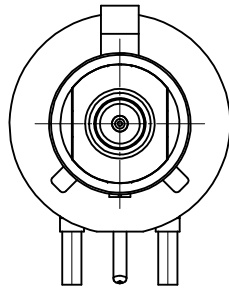
CODE - G



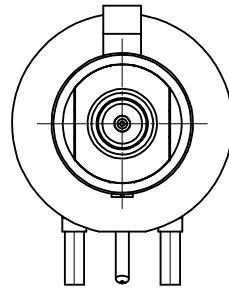
CODE - H



CODE - I



CODE - K



CODE - Z

|                |                |            |
|----------------|----------------|------------|
| Z              | WATER BLUE     | 73415-2870 |
| K              | CURRY YELLOW   | 73415-2869 |
| I              | BEIGE          | 73415-2868 |
| H              | VIOLET         | 73415-2867 |
| G              | GRAY           | 73415-2866 |
| F              | BROWN          | 73415-2865 |
| E              | GREEN          | 73415-2864 |
| D              | BORDEAUXVIOLET | 73415-2863 |
| C              | BLUE           | 73415-2862 |
| B              | CREAM WHITE    | 73415-2861 |
| A              | BLACK          | 73415-2860 |
| KEYING<br>CODE | COLOR          | PART NO.   |

CHG: SEE SHEET 1  
EC NO: URF2014-0486  
DRWN:LIN 2014/02/25  
CHKD:  
APPR:MHUANG 2014/02/27  
REV  
A7

QUALITY  
SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          |       |       |
|----------|-------|-------|
|          | mm    | INCH  |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE  | ± --- | ± --- |

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| SSS         | 2001/02/28 |
| CHECKED BY  | DATE       |
| TEF         | 2001/02/28 |
| APPROVED BY | DATE       |
| MHUANG      | 2010/04/26 |

MATERIAL NO.

SEE TABLE

SIZE C

SCALE  
5:1

DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

TITLE

SMB JACK, R/A, FAKRA  
KINKED TAIL, 50 OHMS  
SMB-J/PCB

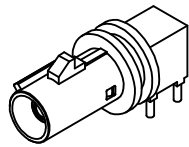
MOLEX INCORPORATED

DOCUMENT NO.  
SD-73415-286

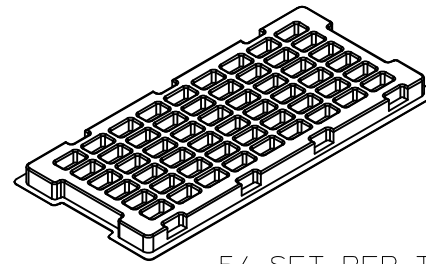
SHEET NO.  
2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

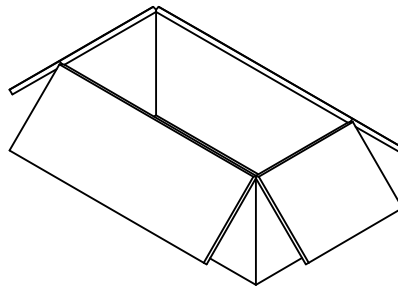
J  
I  
H  
G  
F  
E  
D  
C  
B  
A



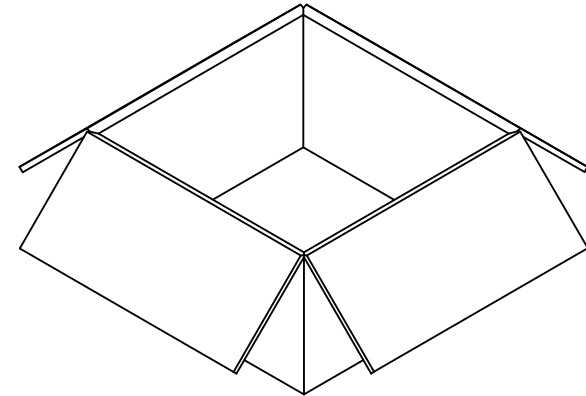
P/N 73415-286X



54 SET PER TRAY  
TRAY P/N 89707-0220  
361mmX169mmX18.5mm



540 SET PER INNER  
CARTON BOX  
P/N 96707-0001  
367mmX173mmX188mm



1080 SET PER OUTER  
CARTON BOX  
P/N 96708-0005  
385mmX367mmX206mm

|                                                                                                       |                               |                                                            |  |                                                                                                                                  |              |                        |                                                                                 |                        |  |
|-------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------------------------------------------|------------------------|--|
| SEE SHEET 1<br>EC NO: URF2014-0486<br>2014/02/25<br>DRW: NELIN<br>CHKD:<br>APPR: MHUANG<br>2014/02/27 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM/IN                                                                                                         |              | SCALE                  | DESIGN UNITS<br>METRIC                                                          | THIRD ANGLE PROJECTION |  |
|                                                                                                       |                               |                                                            |  | DRAWN BY                                                                                                                         | DATE         | TITLE                  | SMB JACK, R/A, FAKRA<br>KINKED TAIL, 50 OHMS<br>SMB-J/PCB<br>MOLEX INCORPORATED |                        |  |
|                                                                                                       |                               |                                                            |  | CHECKED BY                                                                                                                       | DATE         |                        |                                                                                 |                        |  |
|                                                                                                       |                               |                                                            |  | APPROVED BY                                                                                                                      | DATE         |                        |                                                                                 |                        |  |
|                                                                                                       |                               | ANGULAR ± 2 °                                              |  | MATERIAL NO.                                                                                                                     | DOCUMENT NO. | SHEET NO.              |                                                                                 |                        |  |
|                                                                                                       |                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SEE SHEET 2                                                                                                                      |              | SD-73415-286<br>3 OF 3 |                                                                                 |                        |  |
|                                                                                                       |                               |                                                            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |                                                                                 |                        |  |