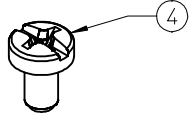
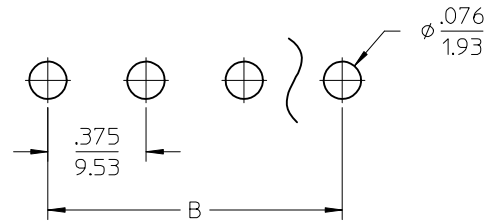
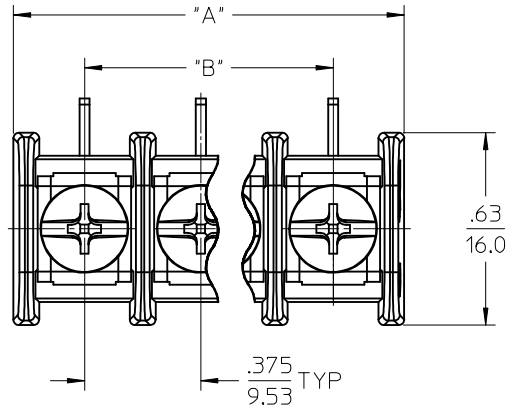
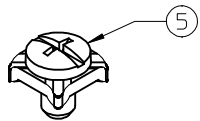


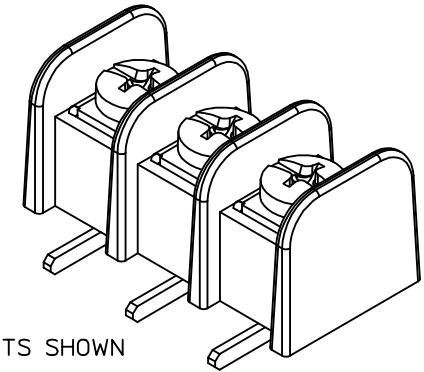
REF. -49 OPT. SCREW  
(WHERE APPLICABLE)



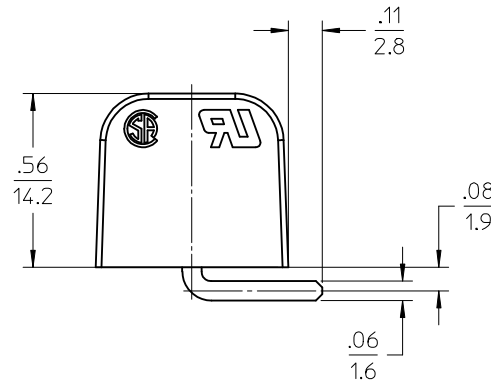
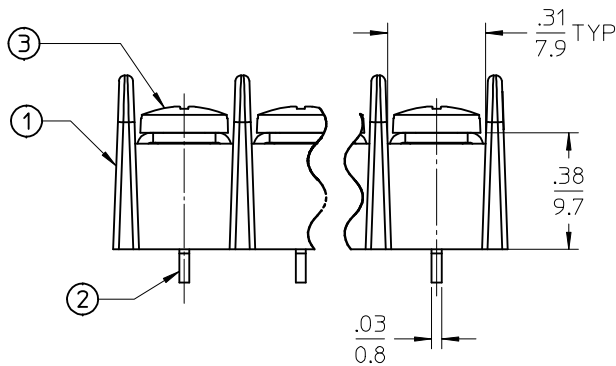
REF. -50 OPT. SCREW  
(WHERE APPLICABLE)



PTH PATTERN



3 CIRCUITS SHOWN  
AS REFERENCE



PART NUMBER LEGEND

71-8-XX-XX

SERIES

TERMINAL STYLE

CIRCUIT QTY (2 TO 26)

OPTION (-49 BRASS,PHIL/SLOT SCREW)

(-50 CLAMP WASHER,PHIL/SLOT SCREW)

(-C NO MOUNTING ENDS)

NOTES:

1. MATERIAL: SEE TABLE.
2. FINISHES: SEE TABLE.
3. PRODUCT SPECIFICATION: PS-38710-001
4. "XX" REFERS TO NUMBER OF CIRCUITS.
5. ASSEMBLY IS RoHS COMPLIANT.

| ITEM | QTY | DESCRIPTION                                | MATERIAL        | FINISH |
|------|-----|--------------------------------------------|-----------------|--------|
| 5    | XX  | #6-32 PH/SLOTTED SCREW W/WSHR (OPTION -50) | STEEL           | ZINC   |
| 4    | XX  | #6-32 PH/SLOTTED SCREW (OPTION -49)        | BRASS           | NICKEL |
| 3    | XX  | #6-32 PH/SLOTTED SCREW (STANDARD)          | STEEL           | ZINC   |
| 2    | XX  | TERMINAL, WW SN-KT                         | BRASS           | TIN    |
| 1    | 1   | INSULATOR                                  | POLYESTER (PBT) | BLACK  |

RELEASED  
EC NO: PG2016-0008  
DRAWN: SVMURTHY 2015/06/30  
CHKD: RSTONE 2015/06/30  
APPR: JFMURPHY 2016/07/11  
REV A

QUALITY  
SYMBOLS  
F=0  
F=0  
F=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH    |
|----------|--------|---------|
| 4 PLACES | ± .005 | ± .0005 |
| 3 PLACES | ± .01  | ± .001  |
| 2 PLACES | ± .03  | ± .003  |
| 1 PLACE  | ± .06  | ± .006  |
| 0 PLACE  | ± .12  | ± .012  |

ANGULAR ± 2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

| DRAWN BY    | DATE       |
|-------------|------------|
| SVMURTHY    | 2015/06/30 |
| CHECKED BY  | DATE       |
| RSTONE      | 2015/06/30 |
| APPROVED BY | DATE       |
| JFMURPHY    | 2016/07/11 |

MATERIAL NO.  
SEE SHEET 2

SCALE  
2:1

DOCUMENT NO.  
SD-38711-5302

DESIGN UNITS  
INCH

THIRD ANGLE  
PROJECTION

9.53MM [.375"] SR BTS  
RA ASSY, NO MTG

**molex**

SHEET NO.  
1 OF 2

|   |    |   |   |   |   |   |   |   |   |   |
|---|----|---|---|---|---|---|---|---|---|---|
|   | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| F |    |   |   |   |   |   |   |   |   |   |
| E |    |   |   |   |   |   |   |   |   |   |
| D |    |   |   |   |   |   |   |   |   |   |
| C |    |   |   |   |   |   |   |   |   |   |
| B |    |   |   |   |   |   |   |   |   |   |
| A |    |   |   |   |   |   |   |   |   |   |

| # OF<br>CIRCUITS<br>"XX" | DIM. "A" |      | DIM. "B" |        |
|--------------------------|----------|------|----------|--------|
|                          | in       | mm   | in       | mm     |
| 02                       | .83      | 21.1 | .375     | 9.53   |
| 03                       | 1.21     | 30.7 | .750     | 19.05  |
| 04                       | 1.58     | 40.1 | 1.125    | 28.58  |
| 05                       | 1.96     | 49.8 | 1.500    | 38.10  |
| 06                       | 2.33     | 59.2 | 1.875    | 47.63  |
| 07                       | 2.71     | 68.8 | 2.250    | 57.15  |
| 08                       | 3.08     | 78.2 | 2.625    | 66.68  |
| 09                       | 3.46     | 87.9 | 3.000    | 76.20  |
| 10                       | 3.83     | 97.3 | 3.375    | 85.73  |
| 11                       | 4.21     | 107  | 3.750    | 95.25  |
| 12                       | 4.58     | 116  | 4.125    | 104.78 |
| 13                       | 4.96     | 126  | 4.500    | 114.30 |
| 14                       | 5.33     | 135  | 4.875    | 123.83 |
| 15                       | 5.71     | 145  | 5.250    | 133.35 |
| 16                       | 6.08     | 154  | 5.625    | 142.88 |
| 17                       | 6.46     | 164  | 6.000    | 152.40 |
| 18                       | 6.83     | 173  | 6.375    | 161.93 |
| 19                       | 7.21     | 183  | 6.750    | 171.45 |
| 20                       | 7.58     | 193  | 7.125    | 180.98 |
| 21                       | 7.96     | 202  | 7.500    | 190.50 |
| 22                       | 8.33     | 212  | 7.875    | 200.03 |
| 23                       | 8.71     | 221  | 8.250    | 209.55 |
| 24                       | 9.08     | 231  | 8.625    | 219.08 |
| 25                       | 9.46     | 240  | 9.000    | 228.60 |
| 26                       | 9.83     | 250  | 9.375    | 238.13 |

|                                                                                                                           |                    |                                                                                                        |                                          |              |                           |                    |                                                                                                                                  |                      |                           |  |
|---------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|--------------|---------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|--|
| RELEASED<br>EC NO: IFG2016-0008<br>DRWN: SVMURTHY 2015/06/30<br>CHKD: RSTONE 2015/06/30<br>APPR: JFMURPHY 2016/07/11<br>A | DESCRIPTION<br>REV | QUALITY<br>SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>G</sub>=0</div> <div>F<sub>P</sub>=0</div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |              | DIMENSION STYLE<br>IN/MM  |                    | SCALE<br>2:1                                                                                                                     | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                           |                    |                                                                                                        |                                          |              | DRAWN BY<br>SVMURTHY      | DATE<br>2015/06/30 | TITLE<br>9.53MM [.375"] SR BTS<br>RA ASSY, NO MTG                                                                                |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | 4 PLACES                                 | ± --- ± ---  | CHECKED BY<br>RSTONE      | DATE<br>2015/06/30 |                                                                                                                                  |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | 3 PLACES                                 | ± --- ± .005 | APPROVED BY<br>JFMURPHY   | DATE<br>2016/07/11 |                                                                                                                                  |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | 2 PLACES                                 | ± 0.13 ± .01 | MATERIAL NO.<br>387112302 |                    | DOCUMENT NO.<br>SD-38711-5302                                                                                                    |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | 1 PLACE                                  | ± 0.3 ± ---  | SIZE<br>B                 |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | 0 PLACE                                  | ± --- ± ---  |                           |                    |                                                                                                                                  |                      |                           |  |
|                                                                                                                           |                    |                                                                                                        | ANGULAR ± 2 °                            |              |                           |                    |                                                                                                                                  |                      | SHEET NO.<br>2 OF 2       |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                |                    |                                                                                                        |                                          |              |                           |                    |                                                                                                                                  |                      |                           |  |