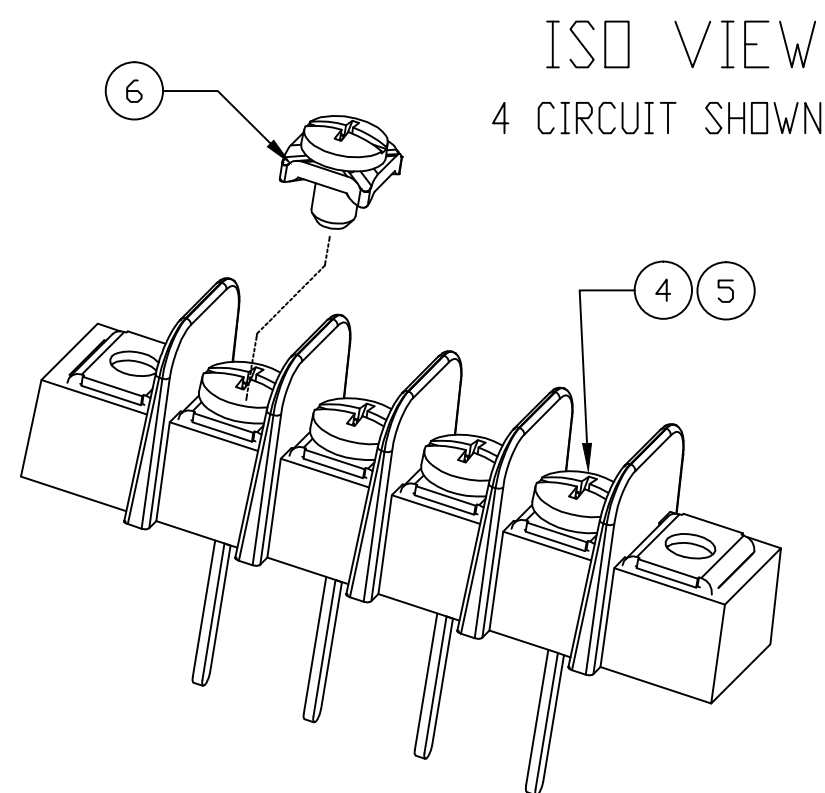
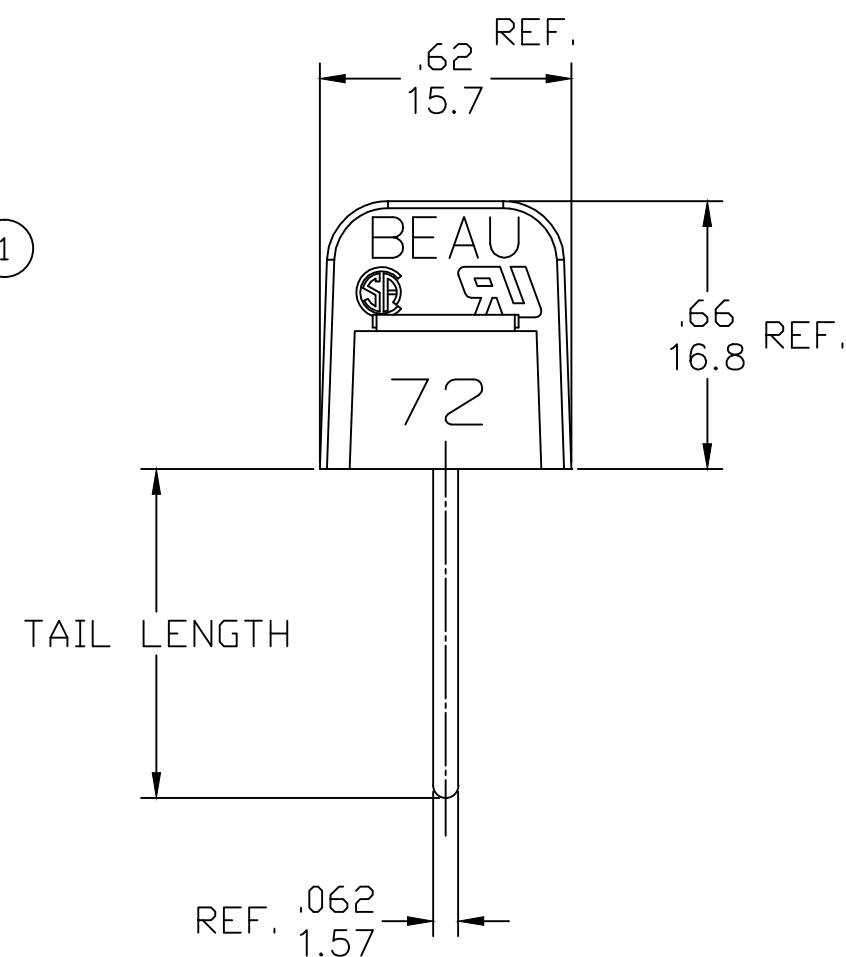
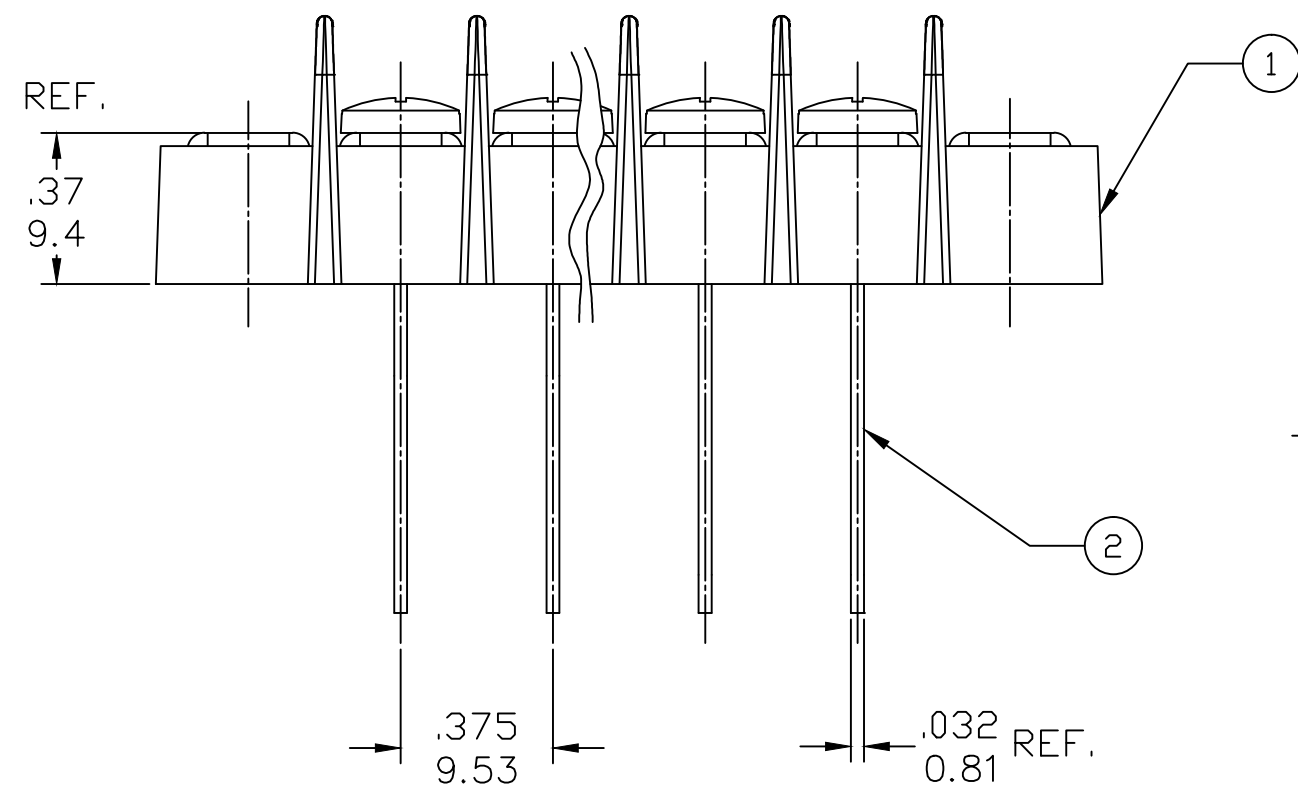
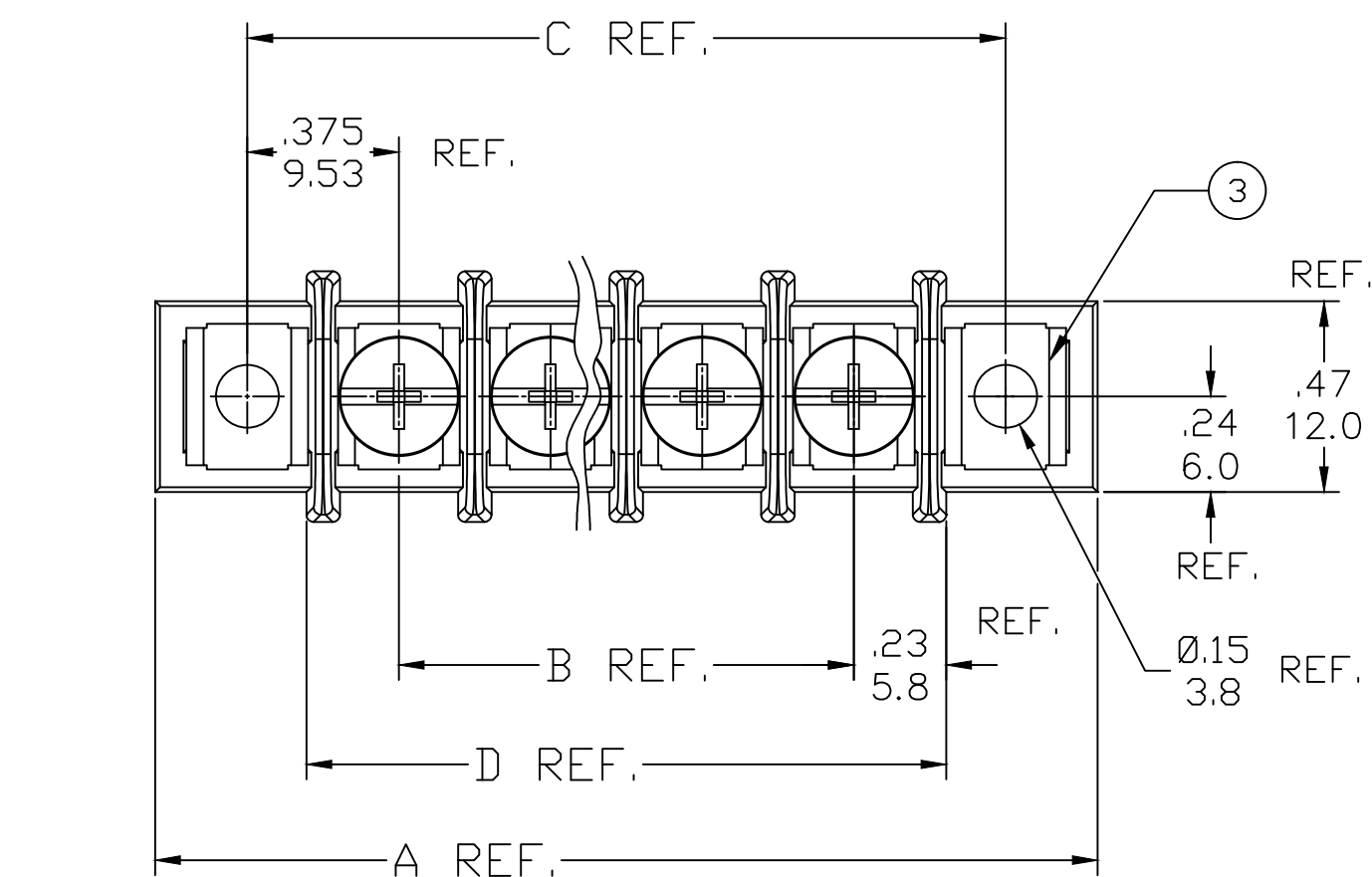




| PART NUMBER DATA |         |       |         |        |         |        |         |       |
|------------------|---------|-------|---------|--------|---------|--------|---------|-------|
| CIRCUITS         | A IN mm |       | B IN mm |        | C IN mm |        | D IN mm |       |
| 2                | 1.58    | 40.2  | .375    | 9.52   | 1.125   | 28.58  | .83     | 21.1  |
| 3                | 1.96    | 49.7  | .750    | 19.05  | 1.500   | 38.10  | 1.21    | 30.7  |
| 4                | 2.33    | 59.2  | 1.125   | 28.58  | 1.875   | 47.63  | 1.58    | 40.2  |
| 5                | 2.71    | 68.7  | 1.500   | 38.10  | 2.250   | 57.15  | 1.96    | 49.7  |
| 6                | 3.08    | 78.3  | 1.875   | 47.63  | 2.625   | 66.68  | 2.33    | 59.2  |
| 7                | 3.46    | 87.8  | 2.250   | 57.15  | 3.000   | 76.20  | 2.71    | 68.8  |
| 8                | 3.83    | 97.3  | 2.625   | 66.68  | 3.375   | 85.73  | 3.08    | 78.3  |
| 9                | 4.21    | 106.8 | 3.000   | 76.20  | 3.750   | 95.25  | 3.46    | 87.8  |
| 10               | 4.58    | 116.4 | 3.375   | 85.73  | 4.125   | 104.78 | 3.83    | 97.3  |
| 11               | 4.96    | 125.9 | 3.750   | 95.25  | 4.500   | 114.30 | 4.21    | 106.9 |
| 12               | 5.33    | 135.4 | 4.125   | 104.78 | 4.875   | 123.83 | 4.58    | 116.4 |
| 13               | 5.71    | 144.9 | 4.500   | 114.30 | 5.250   | 133.35 | 4.96    | 125.9 |
| 14               | 6.08    | 154.5 | 4.875   | 123.83 | 5.625   | 142.88 | 5.33    | 135.4 |
| 15               | 6.46    | 164.0 | 5.250   | 133.35 | 6.000   | 152.40 | 5.71    | 145.0 |
| 16               | 6.83    | 173.5 | 5.625   | 142.88 | 6.375   | 161.93 | 6.08    | 154.5 |
| 17               | 7.21    | 183.0 | 6.000   | 152.40 | 6.750   | 171.45 | 6.46    | 164.0 |
| 18               | 7.58    | 192.6 | 6.375   | 161.93 | 7.125   | 180.98 | 6.83    | 173.5 |
| 19               | 7.96    | 202.1 | 6.750   | 171.45 | 7.500   | 190.50 | 7.21    | 183.1 |
| 20               | 8.33    | 211.6 | 7.125   | 180.98 | 7.875   | 200.03 | 7.58    | 192.6 |
| 21               | 8.71    | 221.1 | 7.500   | 190.50 | 8.250   | 209.55 | 7.96    | 202.1 |
| 22               | 9.08    | 230.7 | 7.875   | 200.03 | 8.625   | 219.08 | 8.33    | 211.6 |
| 23               | 9.46    | 240.2 | 8.250   | 209.55 | 9.000   | 228.60 | 8.71    | 221.2 |
| 24               | 9.83    | 249.7 | 8.625   | 219.08 | 9.375   | 238.13 | 9.08    | 230.7 |
| 25               | 10.21   | 259.2 | 9.000   | 228.60 | 9.750   | 247.65 | 9.46    | 240.2 |
| 26               | 10.58   | 268.8 | 9.375   | 238.13 | 10.125  | 257.18 | 9.83    | 249.7 |

## PART NUMBER LEGEND

ENG NO. 72 7 XX XX-XX

SERIES

TERMINAL STYLE  
WIRE WRAP (WW)

POLES: SEE CHART

— TAIL LENGTH

$$-47 = .47 / 11.9 \text{ (STD)}$$
$$-55 = .54 / 13.7$$
$$-75 = .75 / 19.1$$
$$-81 = .81 / 20.6$$

- OPTION:

-49 (BRASS PHIL-SLOT SCREW)

-50 (SCREW WITH CLAMP WASHER)

SAP P/N SERIES: 3872122XX= STD

SAP P/N SERIES: 3872128XX= -49

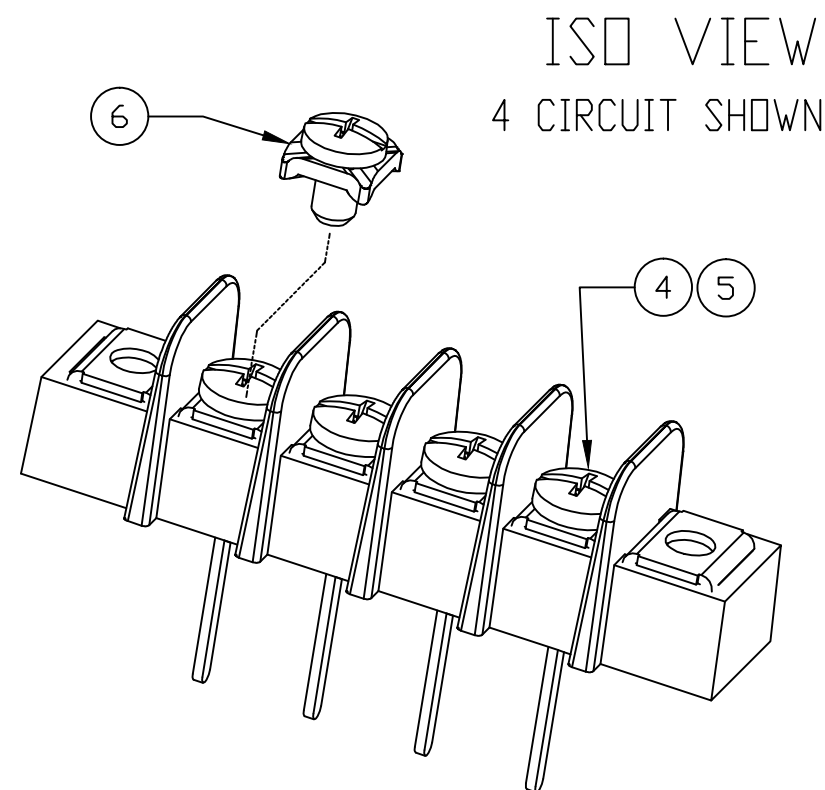
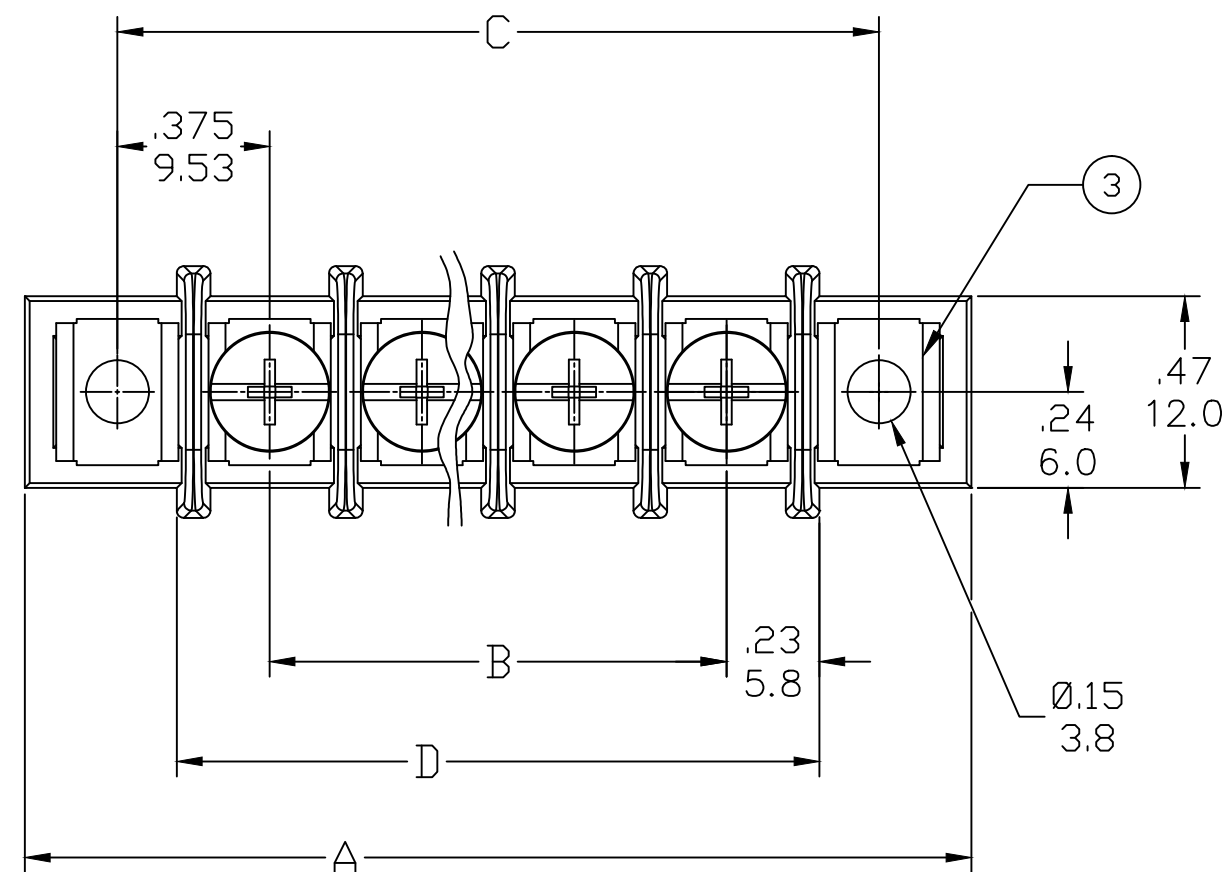
SAP P/N SERIES: 3872134XX= -50

SAP P/N SERIES: 38729 = -81

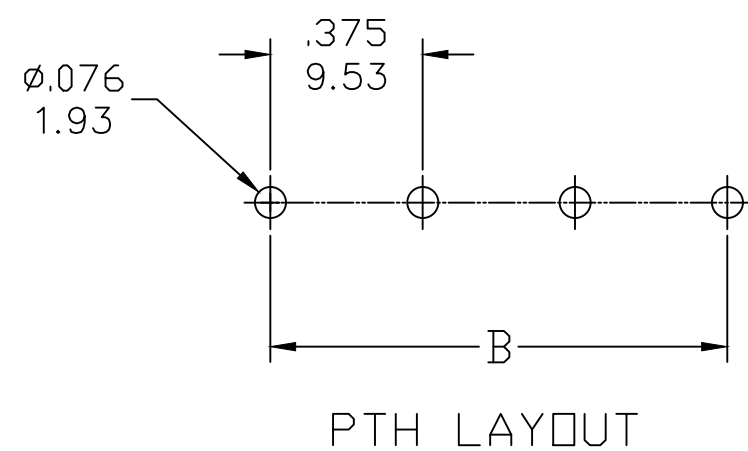
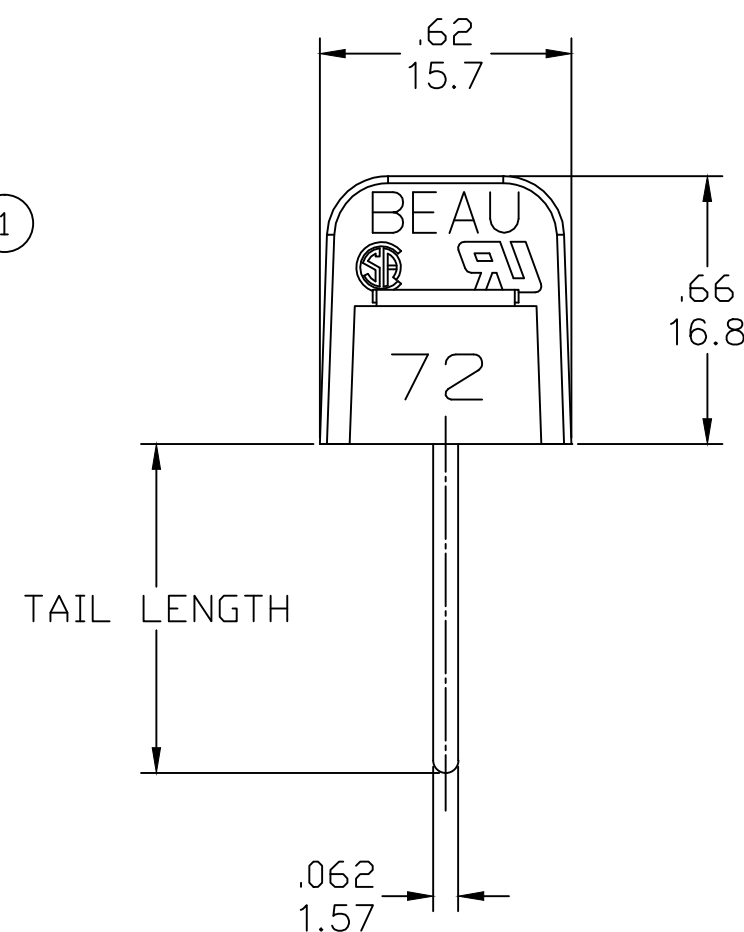
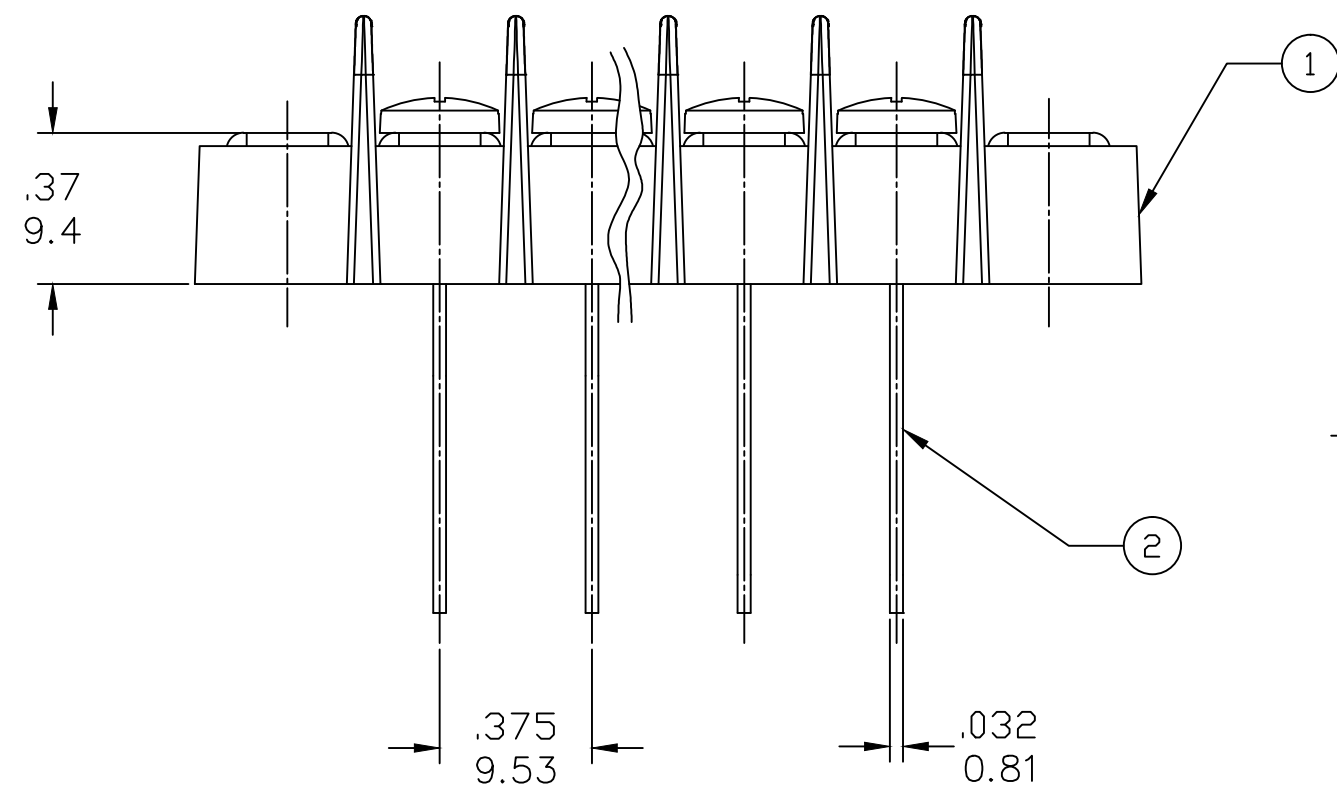
REF. THIS DRAWING SUPERSEDES E-78721-003 REV-B

|      |     |                                     |              |                 |
|------|-----|-------------------------------------|--------------|-----------------|
| 6    | XX  | #6-32 PH/SLOTTED SCREW (OPTION -50) | 380010099    | 2504-9201-C220  |
| 5    | XX  | #6-32 PH/SLOTTED SCREW (OPTION -49) | 380010058    | 1804-9101-A120  |
| 4    | XX  | #6-32 PH/SLOTTED SCREW (STD)        | 380010092    | 2504-9101-C220  |
| 3    | 2   | MOUNTING PLATE                      | 380021308    | 7204-7201-A120  |
| 2    | XX  | TERMINAL                            | 380021279    | 7204-3411-A260  |
| 1    | 1   | BARRIER TERMINAL STRIP              | 38728_----   | 7200-XX02-V000  |
| ITEM | QTY | DESCRIPTION                         | MATERIAL NO. | ENGINEERING NO. |

|                                                                                                                    |             |                                                         |                                       |       |                                                                                                                               |                                 |                    |                                                             |                      |                                                |  |  |
|--------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------|---------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------|-------------------------------------------------------------|----------------------|------------------------------------------------|--|--|
| RELEASED<br>EC NO: IPG2015-0118<br>DRWN: RSTONE 2014/07/18<br>CHKD: BARDEN 2014/07/23<br>APPR: JFMURPHY 2014/08/02 | DESCRIPTION | QUALITY SYMBOL<br><div>▽=0</div> <div>▽C=0</div>        | GENERAL TOLERANCES (UNLESS SPECIFIED) |       |                                                                                                                               | DIMENSION STYLE<br>IN/MM        |                    | SCALE<br>---                                                | DESIGN UNITS<br>INCH | <div>⊙</div> <div>THIRD ANGLE PROJECTION</div> |  |  |
|                                                                                                                    |             |                                                         |                                       | mm    | INCH                                                                                                                          | DRAWN BY<br>RSTONE              | DATE<br>2014/07/18 | TITLE<br>SR BTS WW ASSY<br>.375 PITCH WITH<br>MOUNTING ENDS |                      |                                                |  |  |
|                                                                                                                    |             |                                                         | 4 PLACES                              | ±---  | ±---                                                                                                                          | CHECKED BY                      | DATE               |                                                             |                      |                                                |  |  |
|                                                                                                                    |             |                                                         | 3 PLACES                              | ±---  | ±.005                                                                                                                         | ----                            | ----               |                                                             |                      |                                                |  |  |
|                                                                                                                    |             |                                                         | 2 PLACES                              | ±0.13 | ±.01                                                                                                                          | APPROVED BY<br>JFMURPHY         |                    | DATE<br>2014/08/02                                          | MOLEX INCORPORATED   |                                                |  |  |
|                                                                                                                    |             |                                                         | 1 PLACE                               | ±0.3  | ±---                                                                                                                          | MATERIAL NO.<br>SEE PART LEGEND |                    | DOCUMENT NO.<br>E-38721-010                                 |                      |                                                |  |  |
|                                                                                                                    |             |                                                         | ANGULAR ±---°                         |       |                                                                                                                               | SIZE<br>C                       |                    | SHEET NO.<br>1 OF 1                                         |                      |                                                |  |  |
| A                                                                                                                  | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                                       |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                 |                    |                                                             |                      |                                                |  |  |



| PART NUMBER DATA |         |       |         |        |         |        |         |       |
|------------------|---------|-------|---------|--------|---------|--------|---------|-------|
| CIRCUITS         | A IN mm |       | B IN mm |        | C IN mm |        | D IN mm |       |
| 2                | 1.58    | 40.2  | .375    | 9.52   | 1.125   | 28.58  | .83     | 21.1  |
| 3                | 1.96    | 49.7  | .750    | 19.05  | 1.500   | 38.10  | 1.21    | 30.7  |
| 4                | 2.33    | 59.2  | 1.125   | 28.58  | 1.875   | 47.63  | 1.58    | 40.2  |
| 5                | 2.71    | 68.7  | 1.500   | 38.10  | 2.250   | 57.15  | 1.96    | 49.7  |
| 6                | 3.08    | 78.3  | 1.875   | 47.63  | 2.625   | 66.68  | 2.33    | 59.2  |
| 7                | 3.46    | 87.8  | 2.250   | 57.15  | 3.000   | 76.20  | 2.71    | 68.8  |
| 8                | 3.83    | 97.3  | 2.625   | 66.68  | 3.375   | 85.73  | 3.08    | 78.3  |
| 9                | 4.21    | 106.8 | 3.000   | 76.20  | 3.750   | 95.25  | 3.46    | 87.8  |
| 10               | 4.58    | 116.4 | 3.375   | 85.73  | 4.125   | 104.78 | 3.83    | 97.3  |
| 11               | 4.96    | 125.9 | 3.750   | 95.25  | 4.500   | 114.30 | 4.21    | 106.9 |
| 12               | 5.33    | 135.4 | 4.125   | 104.78 | 4.875   | 123.83 | 4.58    | 116.4 |
| 13               | 5.71    | 144.9 | 4.500   | 114.30 | 5.250   | 133.35 | 4.96    | 125.9 |
| 14               | 6.08    | 154.5 | 4.875   | 123.83 | 5.625   | 142.88 | 5.33    | 135.4 |
| 15               | 6.46    | 164.0 | 5.250   | 133.35 | 6.000   | 152.40 | 5.71    | 145.0 |
| 16               | 6.83    | 173.5 | 5.625   | 142.88 | 6.375   | 161.93 | 6.08    | 154.5 |
| 17               | 7.21    | 183.0 | 6.000   | 152.40 | 6.750   | 171.45 | 6.46    | 164.0 |
| 18               | 7.58    | 192.6 | 6.375   | 161.93 | 7.125   | 180.98 | 6.83    | 173.5 |
| 19               | 7.96    | 202.1 | 6.750   | 171.45 | 7.500   | 190.50 | 7.21    | 183.1 |
| 20               | 8.33    | 211.6 | 7.125   | 180.98 | 7.875   | 200.03 | 7.58    | 192.6 |
| 21               | 8.71    | 221.1 | 7.500   | 190.50 | 8.250   | 209.55 | 7.96    | 202.1 |
| 22               | 9.08    | 230.7 | 7.875   | 200.03 | 8.625   | 219.08 | 8.33    | 211.6 |
| 23               | 9.46    | 240.2 | 8.250   | 209.55 | 9.000   | 228.60 | 8.71    | 221.2 |
| 24               | 9.83    | 249.7 | 8.625   | 219.08 | 9.375   | 238.13 | 9.08    | 230.7 |
| 25               | 10.21   | 259.2 | 9.000   | 228.60 | 9.750   | 247.65 | 9.46    | 240.2 |
| 26               | 10.58   | 268.8 | 9.375   | 238.13 | 10.125  | 257.18 | 9.83    | 249.7 |



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: PS-38710-001
4. "XX" REFERS TO THE QUANTITY OF CIRCUITS
5. DIMS SHOWN ARE FOR REFERENCE ONLY

## PART NUMBER LEGEND

ENG NO. 72 7 XX XX-XX

TERMINAL STYLE  
WIRE WRAP (WW)

POLES: SEE CHART

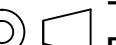
- TAIL LENGTH
  - 47=.47/11.9 (STD)
  - 55=.54/13.7
  - 75=.75/19.1
  - 81=.81/20.6

- OPTION:

-49 (BRASS PHIL-SLOT SCREW)  
-50 (SCREW WITH CLAMP WASHER)

SAP P/N SERIES: 3872122XX= STD  
SAP P/N SERIES: 3872128XX= -49  
SAP P/N SERIES: 3872134XX= -50  
SAP P/N SERIES: 38729\_\_\_\_= -81

|      |     |                                     |          |                    |
|------|-----|-------------------------------------|----------|--------------------|
| 6    | XX  | #6-32 PH/SLOTTED SCREW (OPTION -50) | STEEL    | ZN, CLEAR CHROMATE |
| 5    | XX  | #6-32 PH/SLOTTED SCREW (OPTION -49) | BRASS    | NICKEL PLATE       |
| 4    | XX  | #6-32 PH/SLOTTED SCREW (STD)        | STEEL    | ZN, CLEAR CHROMATE |
| 3    | 2   | MOUNTING PLATE                      | BRASS    | NICKEL PLATE       |
| 2    | XX  | TERMINAL                            | BRASS    | TIN PLATE          |
| 1    | 1   | BARRIER TERMINAL STRIP              | PBT      | BLACK              |
| ITEM | QTY | DESCRIPTION                         | MATERIAL | FINISH             |

|                                                         |                     |                                                                                  |                                 |                                                                                                                               |                                                                                       |                |                                          |                     |       |                          |            |                                                                 |                      |                                                                                                                 |  |  |
|---------------------------------------------------------|---------------------|----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|------------------------------------------|---------------------|-------|--------------------------|------------|-----------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------|--|--|
| RELEASED                                                | EC NO: IPG2015-0118 |                                                                                  |                                 | DESCRIPTION                                                                                                                   | REV                                                                                   | QUALITY SYMBOL | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                     |       | DIMENSION STYLE<br>IN/MM |            | SCALE<br>---                                                    | DESIGN UNITS<br>INCH |  THIRD ANGLE<br>PROJECTION |  |  |
|                                                         | A                   | DRWN: RSTONE 2014/07/17<br>CHK'D: BARDEN 2014/07/23<br>APPR: JFMURPHY 2014/08/02 |                                 |                                                                                                                               |                                                                                       |                |                                          | mm                  | INCH  | DRAWN BY                 | DATE       | TITLE<br><br>SR BTS WW ASSY<br>.375 PITCH WITH<br>MOUNTING ENDS |                      |                                                                                                                 |  |  |
|                                                         |                     |                                                                                  |                                 |                                                                                                                               |                                                                                       |                | 4 PLACES                                 | ±---                | ±---  | RSTONE                   | 2014/07/17 |                                                                 |                      |                                                                                                                 |  |  |
|                                                         |                     |                                                                                  |                                 |                                                                                                                               |                                                                                       |                | 3 PLACES                                 | ±---                | ±.005 | CHECKED BY               | DATE       |                                                                 |                      |                                                                                                                 |  |  |
|                                                         |                     |                                                                                  |                                 |                                                                                                                               |                                                                                       |                | 2 PLACES                                 | ±0.13               | ±.01  | BARDEN                   | ----       | MOLEX INCORPORATED                                              |                      |                                                                                                                 |  |  |
|                                                         |                     |                                                                                  |                                 |                                                                                                                               |                                                                                       |                | 1 PLACE                                  | ±0.3                | ±---  | APPROVED BY              | DATE       |                                                                 |                      |                                                                                                                 |  |  |
| ANGULAR ±---°                                           |                     |                                                                                  | JFMURPHY                        | 2014/08/02                                                                                                                    |  |                |                                          |                     |       |                          |            |                                                                 |                      |                                                                                                                 |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                     |                                                                                  | MATERIAL NO.<br>SEE PART LEGEND |                                                                                                                               | DOCUMENT NO.<br>SD-38721-010                                                          |                |                                          | SHEET NO.<br>1 OF 1 |       |                          |            |                                                                 |                      |                                                                                                                 |  |  |
|                                                         |                     |                                                                                  | SIZE<br>C                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                       |                |                                          |                     |       |                          |            |                                                                 |                      |                                                                                                                 |  |  |