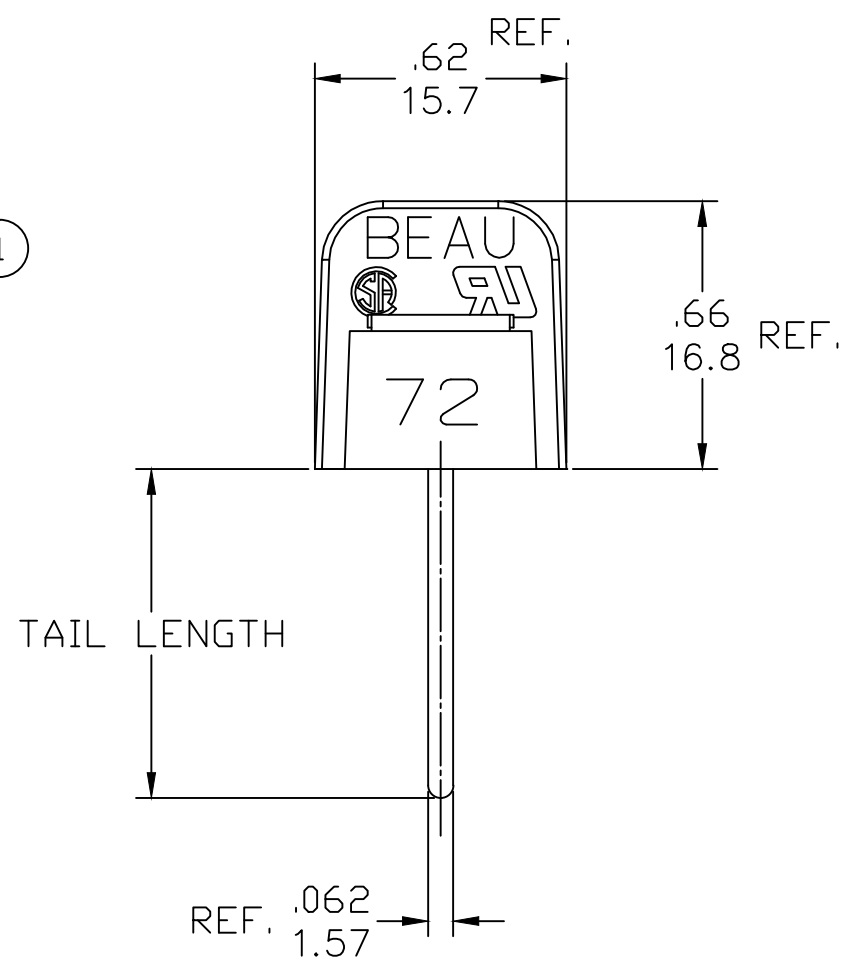
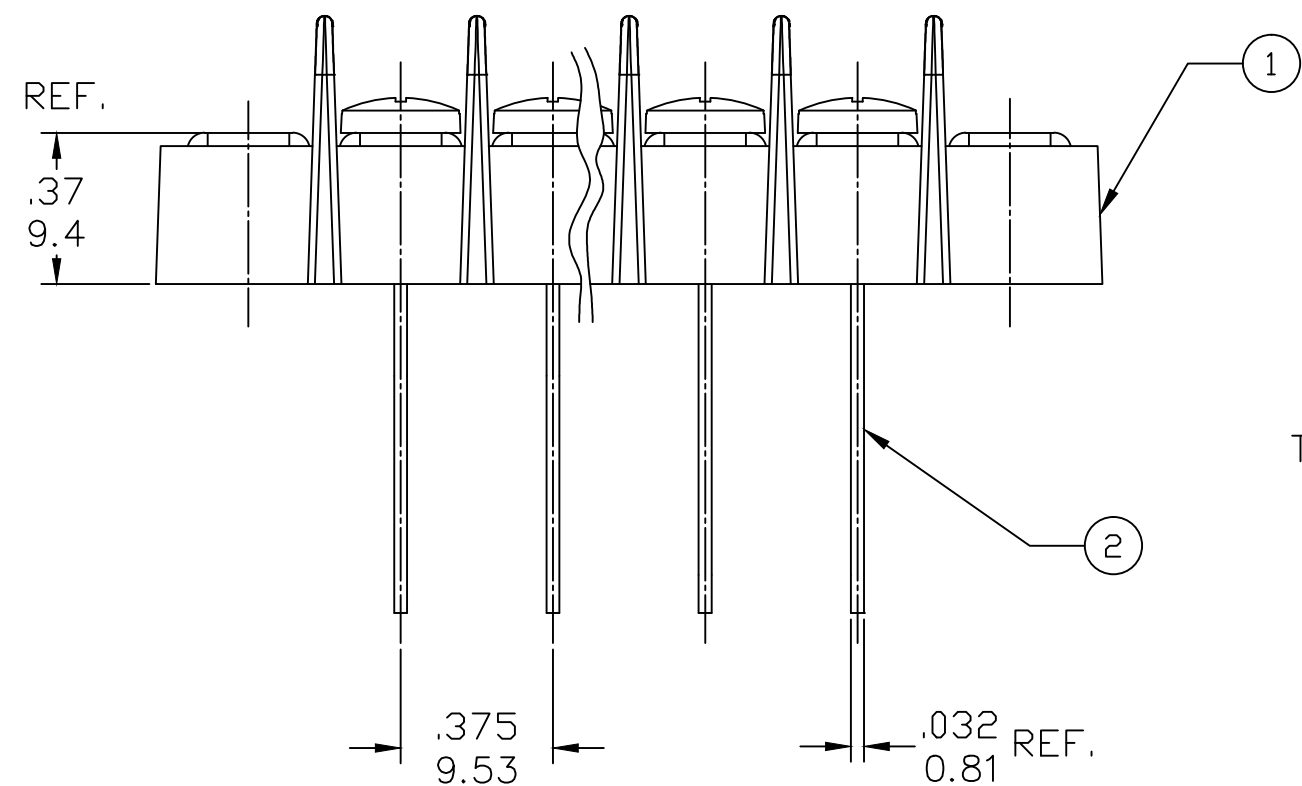
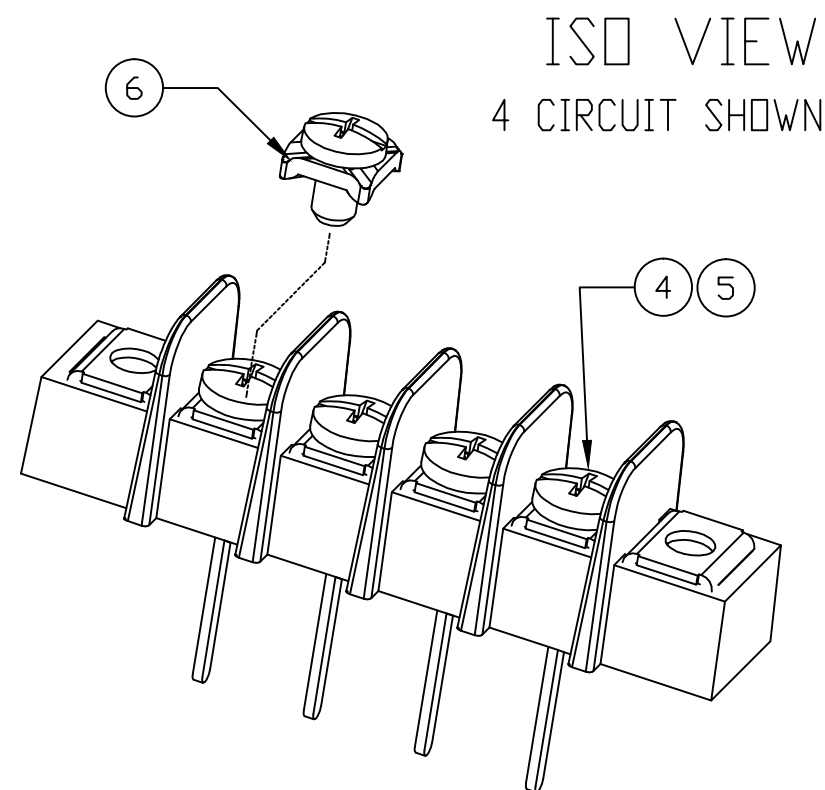
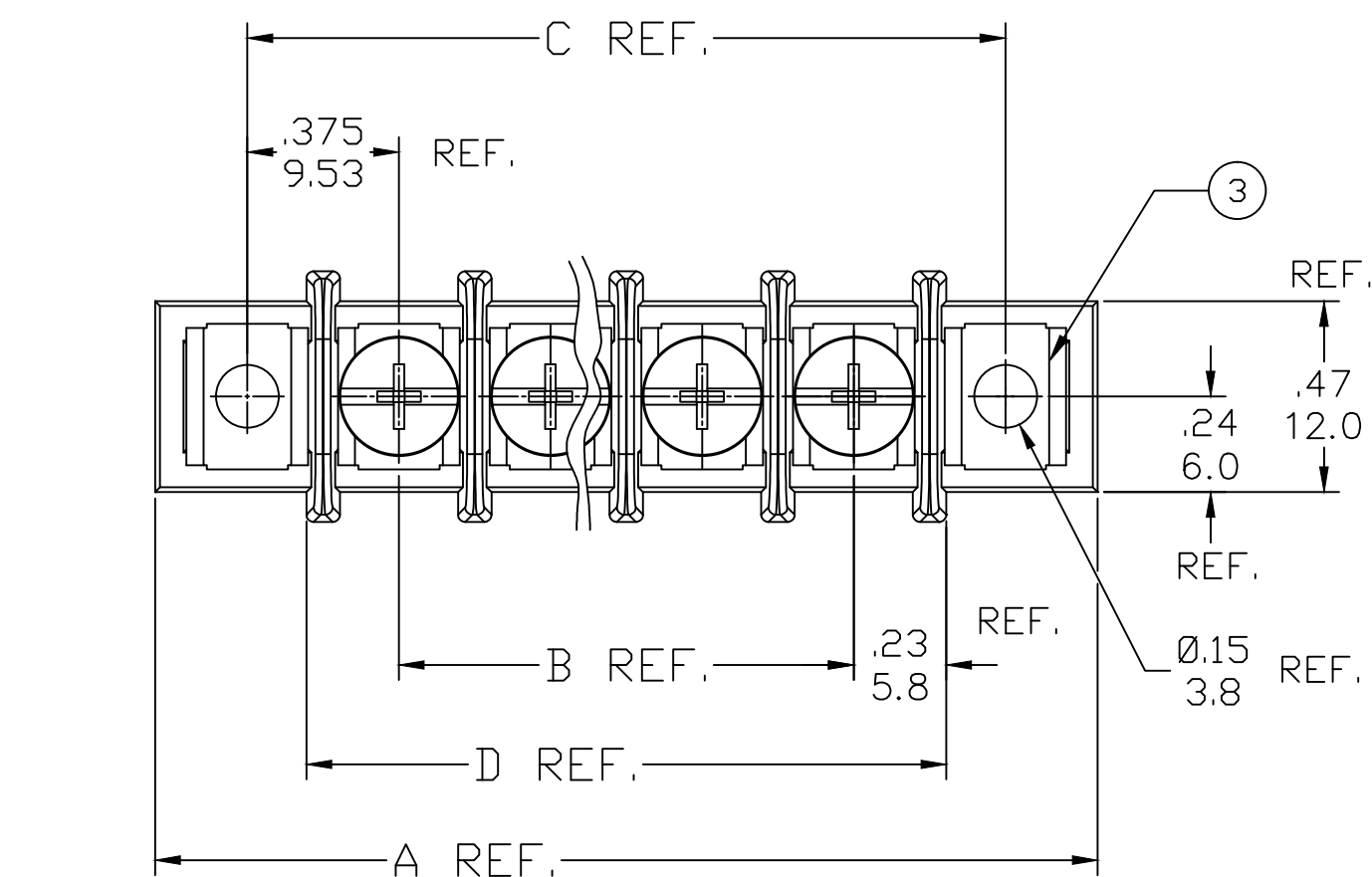




| PART NUMBER DATA |         |       |         |        |         |        |         |       |
|------------------|---------|-------|---------|--------|---------|--------|---------|-------|
| CIRCUITS         | A IN mm |       | B IN mm |        | C IN mm |        | D IN mm |       |
| 2                | 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 ———

STYLE ———

(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)

P/N SERIES: 3872122XX= STD

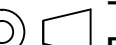
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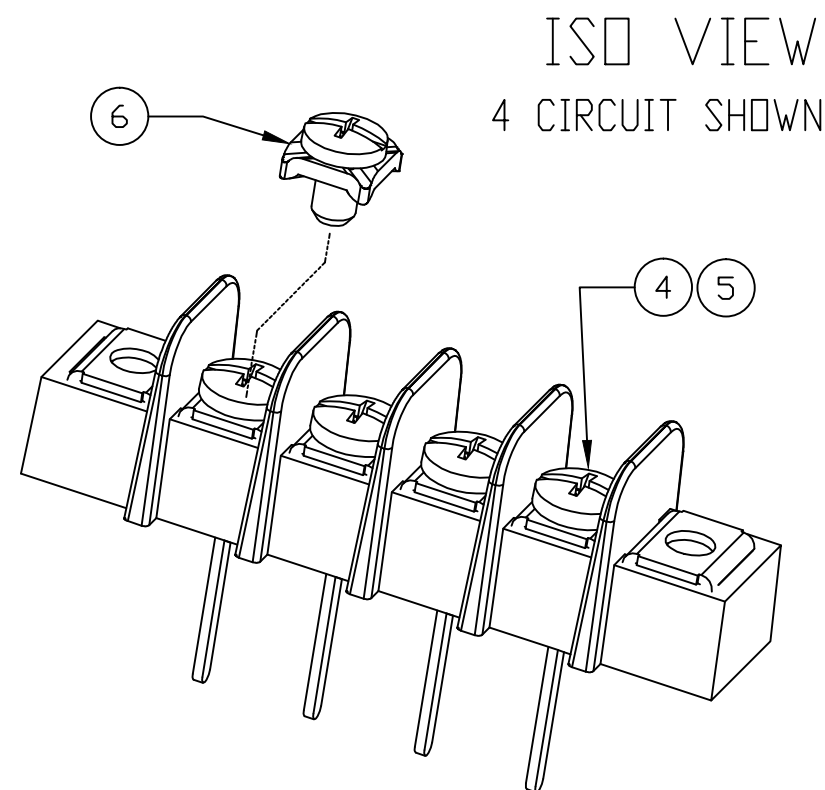
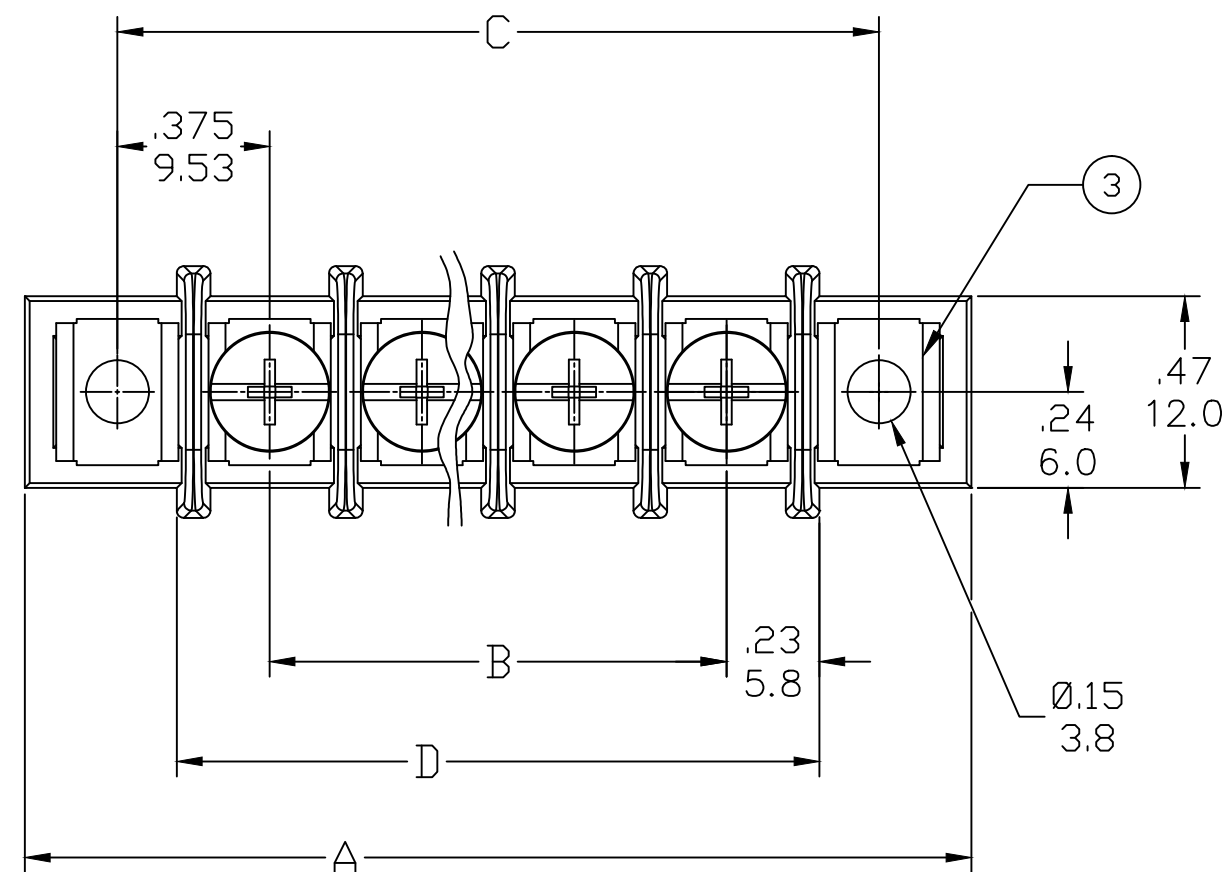
P/N SERIES: 3872134XX= -50

P/N SERIES: 38729\_\_\_\_= -81

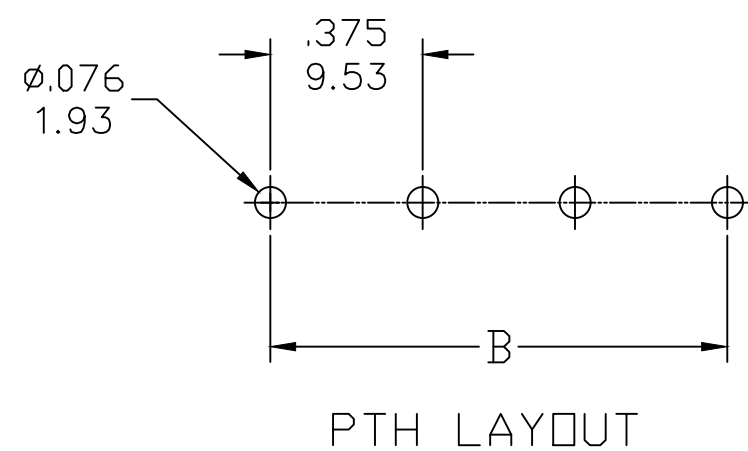
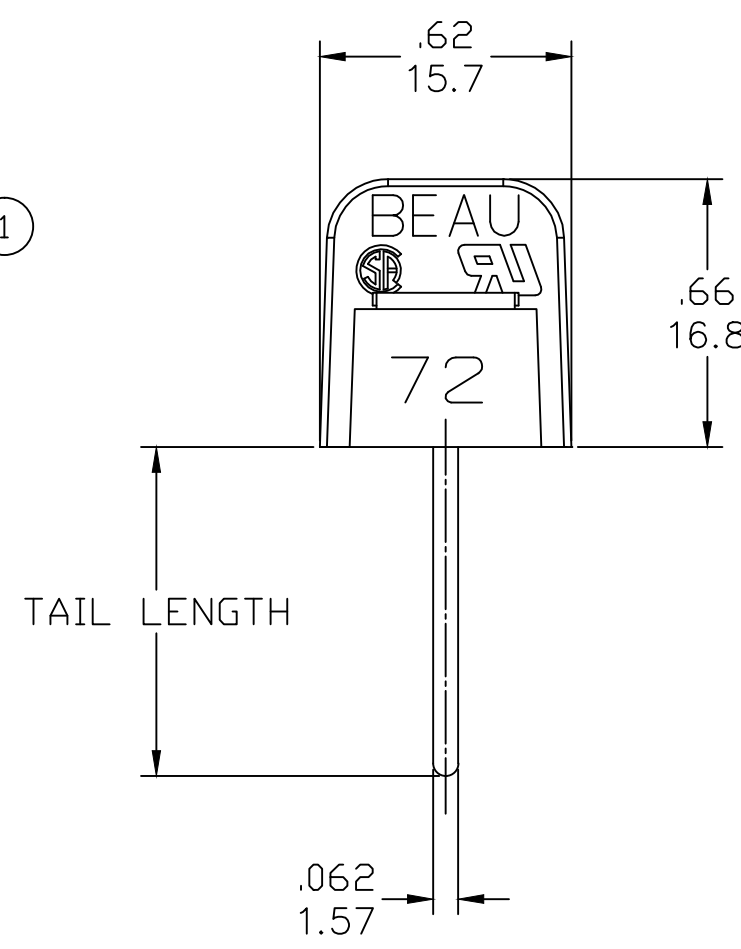
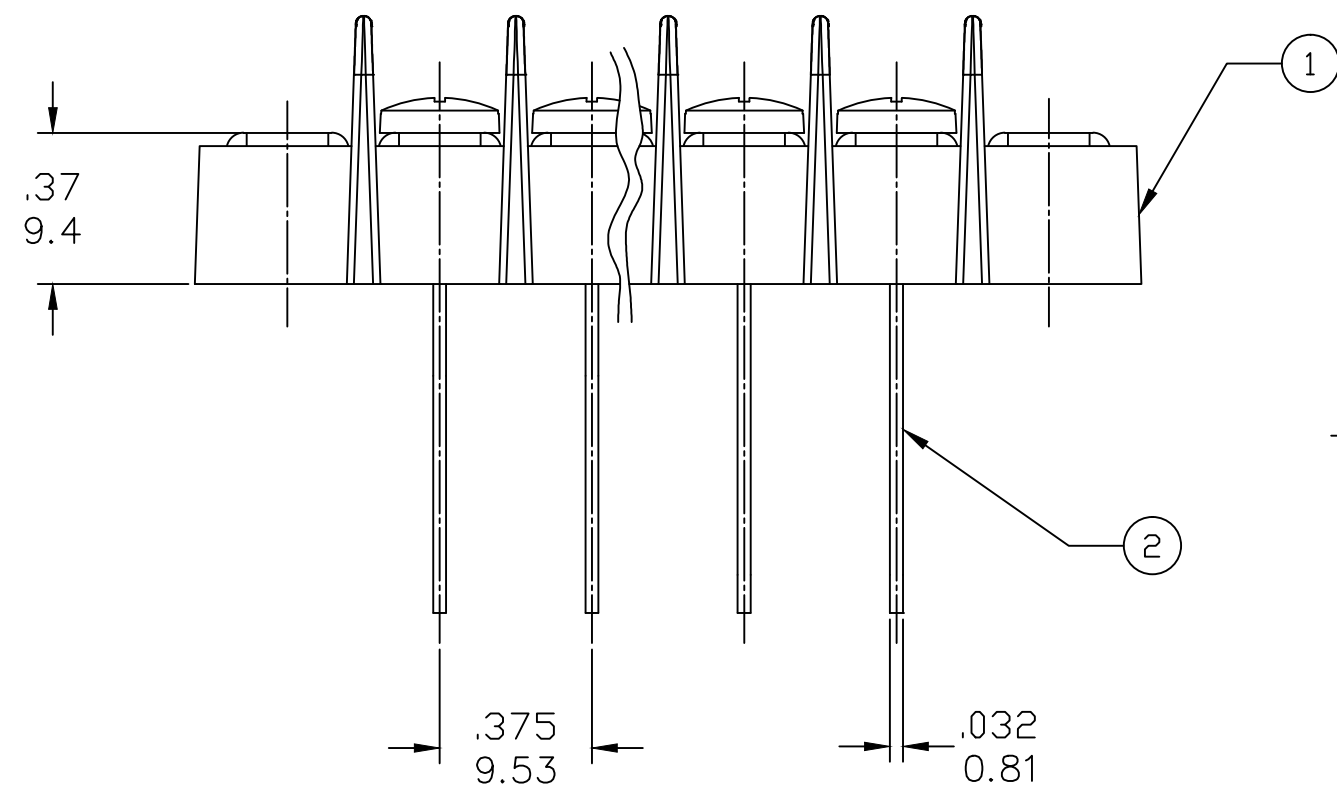
NOTES:

|      |     |                                     |              |                 |
|------|-----|-------------------------------------|--------------|-----------------|
| 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 | EC NO: IPG2015-0118<br>DRWN: RSTONE 2014/07/18<br>CH'KD: BARDEN 2014/07/23<br>APPR: JFMURPHY 2014/08/02 | DESCRIPTION | REV | QUALITY SYMBOL | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                      |       |       | DIMENSION STYLE<br>IN/MM        |                                                                                                                                  | SCALE<br>---                                                                                             | DESIGN UNITS<br>INCH |  THIRD ANGLE<br>PROJECTION |                     |
|          |                                                                                                         |             |     |                |                                                               | mm    | INCH  | DRAWN BY                        | DATE                                                                                                                             | TITLE<br><br>SR BTS WW ASSY<br>.375 PITCH WITH<br>MOUNTING ENDS                                          |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 4 PLACES                                                      | ±---  | ±---  | RSTONE                          | 2014/07/18                                                                                                                       |                                                                                                          |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 3 PLACES                                                      | ±---  | ±.005 | CHECKED BY                      | DATE                                                                                                                             |                                                                                                          |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 2 PLACES                                                      | ±0.13 | ±.01  | ----                            | ----                                                                                                                             |                                                                                                          |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 1 PLACE                                                       | ±0.3  | ±---  | APPROVED BY                     | DATE                                                                                                                             |  MOLEX INCORPORATED |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | ANGULAR ±---°                                                 |       |       | JFMURPHY                        | 2014/08/02                                                                                                                       |                                                                                                          |                      |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | DRAFT WHERE<br>APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |       | MATERIAL NO.<br>SEE PART LEGEND |                                                                                                                                  | DOCUMENT NO.<br>E-38721-010                                                                              |                      |                                                                                                                 | SHEET NO.<br>1 OF 1 |
|          |                                                                                                         |             |     |                |                                                               |       |       | SIZE<br>C                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>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

The diagram illustrates the structure of a part number. The part number is shown as 'ENG NO. 72 7 XX XX-XX'. Arrows point from descriptive labels to the corresponding parts of the number: 'SERIES' points to '72', 'TERMINAL STYLE' points to '7', 'POLES: SEE CHART' points to 'XX', and 'TAIL LENGTH' points to 'XX-XX'. A list of tail length options is provided: -47=.47/11.9 (STD), -55=.54/13.7, -75=.75/19.1, and -81=.81/20.6. Below the diagram, four examples of part numbers are listed, showing how the series and tail length are combined to form a specific part number.

SERIES

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