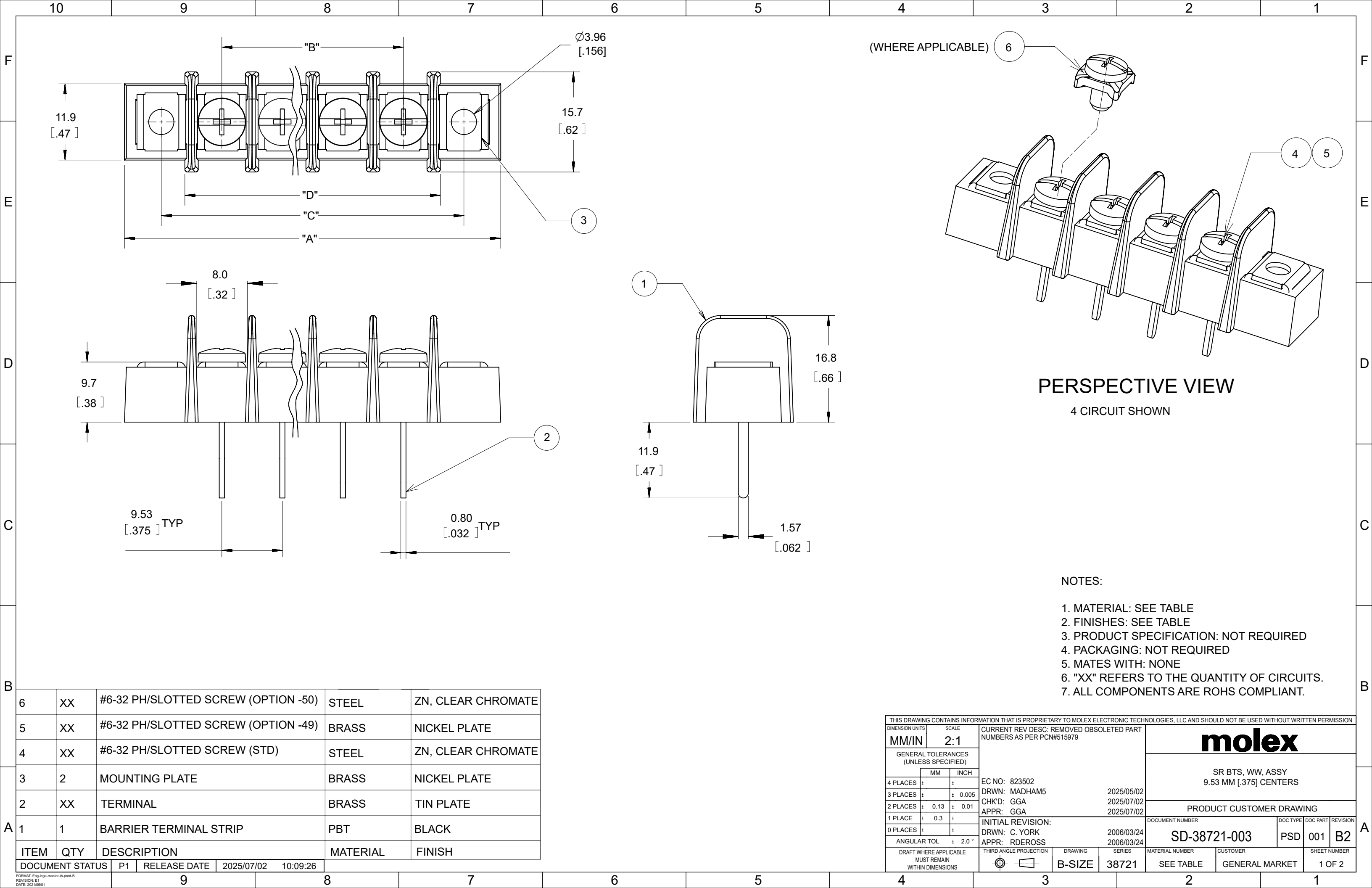
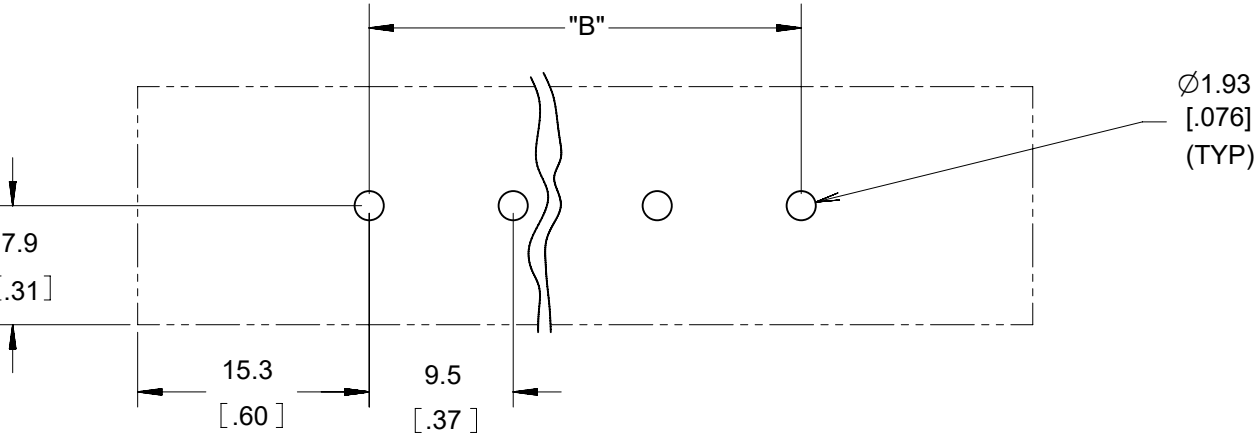




| NUMBER OF<br>CIRCUITS "XX" | DIM.<br>"A" |         | DIM.<br>"B" |         | DIM.<br>"C" |         | DIM.<br>"D" |        |
|----------------------------|-------------|---------|-------------|---------|-------------|---------|-------------|--------|
| 02                         | 40.1        | [1.58]  | 9.53        | [.375]  | 28.6        | [1.13]  | 21.1        | [.83]  |
| 03                         | 49.7        | [1.96]  | 19.05       | [.750]  | 38.1        | [1.50]  | 30.6        | [1.21] |
| 04                         | 59.2        | [2.33]  | 28.58       | [1.125] | 47.6        | [1.88]  | 40.1        | [1.58] |
| 05                         | 68.7        | [2.71]  | 38.10       | [1.500] | 57.2        | [2.25]  | 49.7        | [1.96] |
| 06                         | 78.2        | [3.08]  | 47.63       | [1.875] | 66.7        | [2.63]  | 59.2        | [2.33] |
| 07                         | 87.8        | [3.46]  | 57.15       | [2.250] | 76.2        | [3.00]  | 68.7        | [2.71] |
| 08                         | 97.3        | [3.83]  | 66.68       | [2.625] | 85.7        | [3.38]  | 78.2        | [3.08] |
| 09                         | 106.8       | [4.21]  | 76.20       | [3.000] | 95.3        | [3.75]  | 87.8        | [3.46] |
| 10                         | 116.3       | [4.58]  | 85.73       | [3.375] | 104.8       | [4.13]  | 97.3        | [3.83] |
| 11                         | 125.9       | [4.96]  | 95.25       | [3.750] | 114.3       | [4.50]  | 106.8       | [4.21] |
| 12                         | 135.4       | [5.33]  | 104.78      | [4.125] | 123.8       | [4.88]  | 116.3       | [4.58] |
| 13                         | 144.9       | [5.71]  | 114.30      | [4.500] | 133.4       | [5.25]  | 125.9       | [4.96] |
| 14                         | 154.4       | [6.08]  | 123.83      | [4.875] | 142.9       | [5.63]  | 135.4       | [5.33] |
| 15                         | 164.0       | [6.46]  | 133.35      | [5.250] | 152.4       | [6.00]  | 144.9       | [5.71] |
| 16                         | 173.5       | [6.83]  | 142.88      | [5.625] | 161.9       | [6.38]  | 154.4       | [6.08] |
| 17                         | 183.0       | [7.21]  | 152.40      | [6.000] | 171.5       | [6.75]  | 164.0       | [6.46] |
| 18                         | 192.5       | [7.58]  | 161.93      | [6.375] | 181.0       | [7.13]  | 173.5       | [7.21] |
| 19                         | 202.1       | [7.96]  | 171.45      | [6.750] | 190.5       | [7.50]  | 192.5       | [7.58] |
| 20                         | 211.6       | [8.33]  | 180.98      | [7.125] | 200.0       | [7.88]  | 202.1       | [7.96] |
| 21                         | 221.1       | [8.71]  | 190.50      | [7.500] | 209.6       | [8.25]  | 211.6       | [8.33] |
| 22                         | 230.6       | [9.08]  | 200.03      | [7.875] | 219.1       | [8.63]  | 221.1       | [8.71] |
| 23                         | 240.2       | [9.46]  | 209.55      | [8.250] | 228.6       | [9.00]  | 230.6       | [9.08] |
| 24                         | 249.7       | [9.83]  | 219.08      | [8.625] | 238.1       | [9.38]  | 230.6       | [9.08] |
| 25                         | 259.2       | [10.21] | 228.60      | [9.000] | 247.7       | [9.75]  | 240.2       | [9.46] |
| 26                         | 268.7       | [10.58] | 238.13      | [9.375] | 257.2       | [10.13] | 249.7       | [9.83] |



PTH PATTERN

| MATERIAL NO.<br>(OPTION -50) | MATERIAL NO.<br>(OPTION -49) | MATERIAL NO.<br>(STANDARD) | NUMBER OF<br>CIRCUITS "XX" |
|------------------------------|------------------------------|----------------------------|----------------------------|
| ---                          | 38721-2802                   | 38721-2202                 | 02                         |
| ---                          | ---                          | 38721-2203                 | 03                         |
| ---                          | 38721-2804                   | ---                        | 04                         |
| 38721-3405                   | 38721-2805                   | ---                        | 05                         |
| 38721-3406                   | 38721-2806                   | 38721-2206                 | 06                         |
| ---                          | ---                          | ---                        | 07                         |
| ---                          | 38721-2808                   | ---                        | 08                         |
| ---                          | 38721-2810                   | ---                        | 10                         |
| ---                          | 38721-2811                   | ---                        | 11                         |
| ---                          | 38721-2812                   | ---                        | 12                         |
| 38721-3413                   | 38721-2813                   | ---                        | 13                         |
| ---                          | 38721-2814                   | ---                        | 14                         |
| 38721-3415                   | 38721-2815                   | 38721-2215                 | 15                         |
| ---                          | 38721-2816                   | ---                        | 16                         |
| 38721-3417                   | 38721-2817                   | ---                        | 17                         |
| 38721-3418                   | 38721-2818                   | ---                        | 18                         |
| 38721-3419                   | 38721-2819                   | 38721-2219                 | 19                         |
| ---                          | 38721-2820                   | ---                        | 20                         |
| ---                          | 38721-2821                   | 38721-2221                 | 21                         |
| 38721-3422                   | 38721-2822                   | ---                        | 22                         |
| 38721-3423                   | 38721-2823                   | ---                        | 23                         |
| 38721-3424                   | 38721-2824                   | ---                        | 24                         |
| 38721-3425                   | 38721-2825                   | ---                        | 25                         |
| ---                          | 38721-2826                   | ---                        | 26                         |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

MM/IN

SCALE

2:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | MM     | INCH    |
|----------|--------|---------|
| 4 PLACES | ±      | ±       |
| 3 PLACES | ±      | ± 0.005 |
| 2 PLACES | ± 0.13 | ± 0.01  |
| 1 PLACE  | ± 0.3  | ±       |
| 0 PLACES | ±      | ±       |

ANGULAR TOL ± 2.0 °

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515979

EC NO: 823502

DRWN: MADHAM5

CHK'D: GGA

APPR: GGA

2025/05/02

2025/07/02

2025/07/02

INITIAL REVISION:

DRWN: C. YORK

APPR: RDEROSS

2006/03/24

2006/03/24

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

38721

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

SD-38721-003

PSD

001

B2

DOCUMENT NUMBER

SD-38721-003

DOC TYPE

PSD

DOC PART

001

REVISION

B2

molex

SR BTS, WW, ASSY  
9.53 MM [.375] CENTERS

PRODUCT CUSTOMER DRAWING

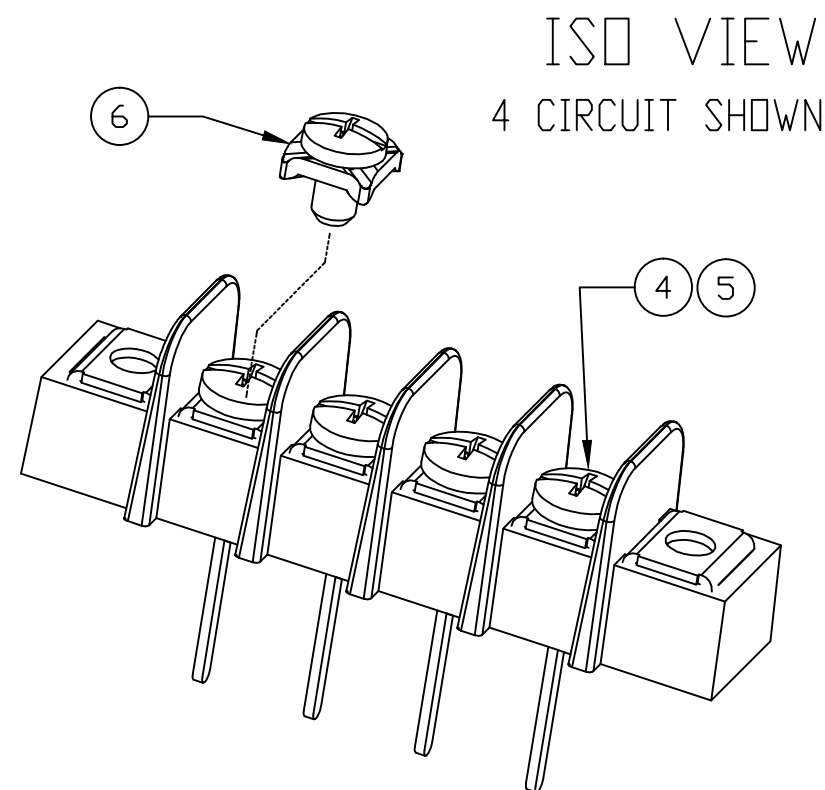
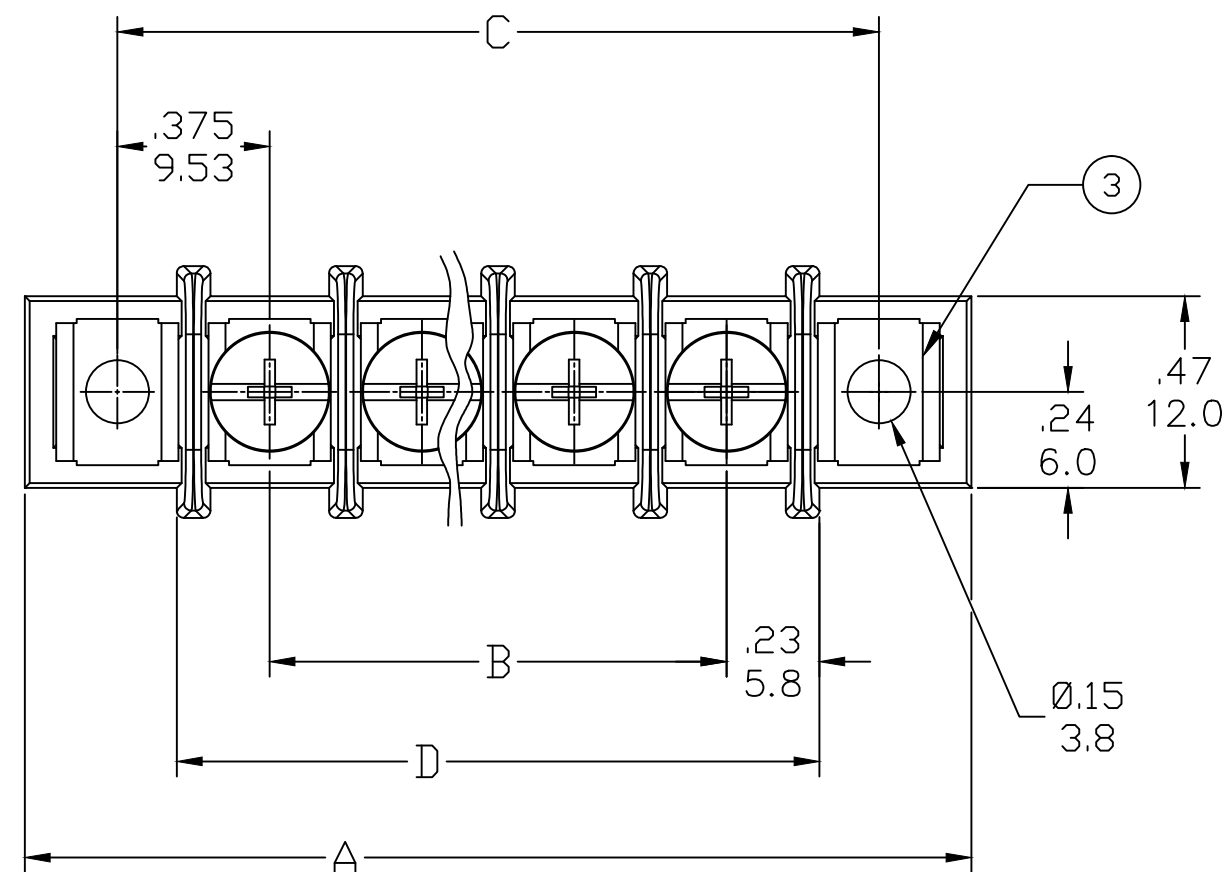
DOCUMENT STATUS

P1

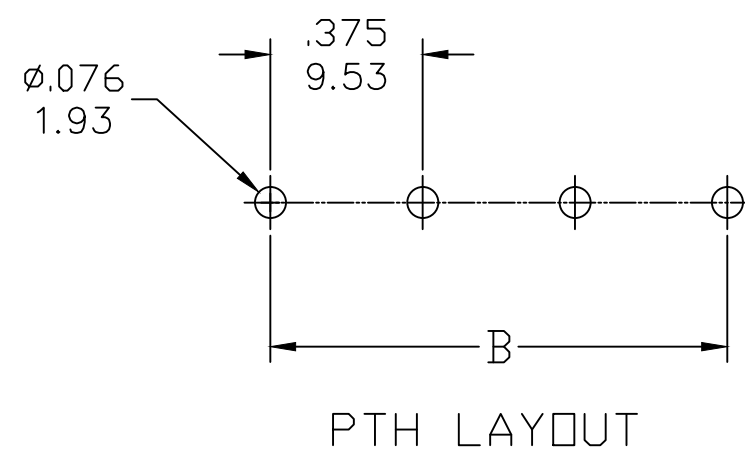
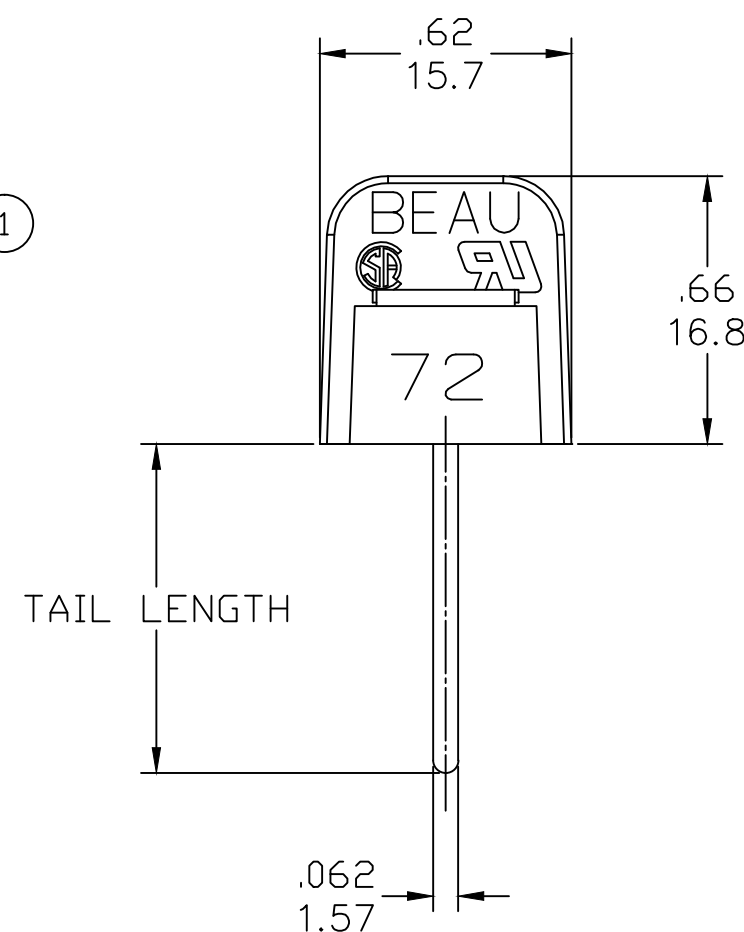
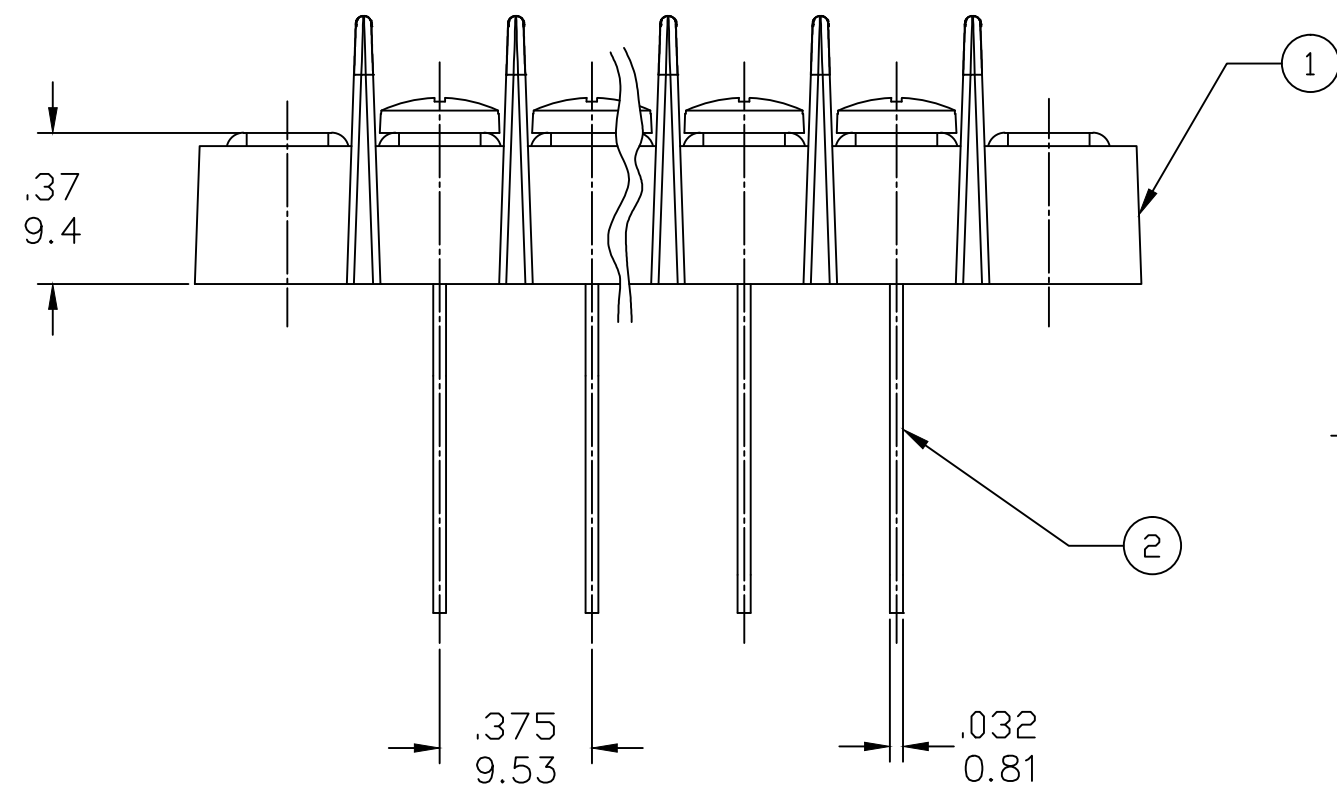
RELEASE DATE

2025/07/02

10:09:26



| 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

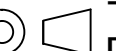
- TAIL LENGTH
  - 47=.47/11.9 (STD)
  - 55=.54/13.7
  - 75=.75/19.1
  - 81=.81/20.6

- 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

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

|      |     |                                     |          |                    |
|------|-----|-------------------------------------|----------|--------------------|
| 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<br>DRWN: RSTONE 2014/07/17<br>CHK'D: 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<br><br>MOLEX INCORPORATED                |                              |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 4 PLACES                                                      | ±---  | ±---  | RSTONE                          | 2014/07/17                                                                                                                       |                                                                                                          |                              |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 3 PLACES                                                      | ±---  | ±.005 | CHECKED BY                      | DATE                                                                                                                             |                                                                                                          |                              |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 2 PLACES                                                      | ±0.13 | ±.01  | BARDEN                          | ----                                                                                                                             |                                                                                                          |                              |                                                                                                                 |                     |
|          |                                                                                                         |             |     |                | 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>SD-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 |                                                                                                          |                              |                                                                                                                 |                     |