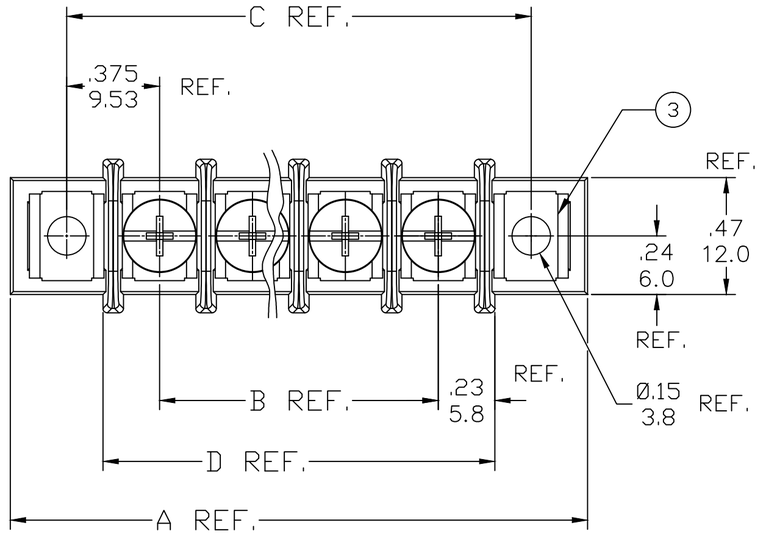
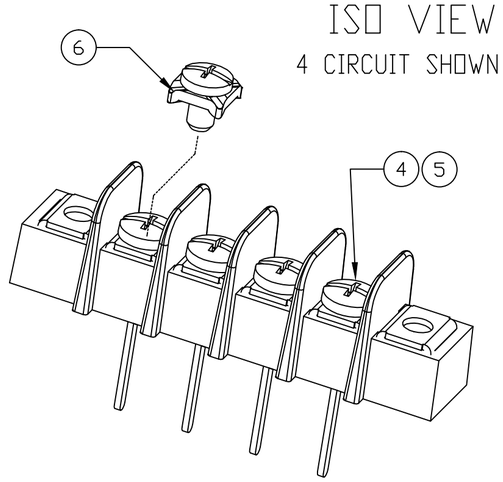
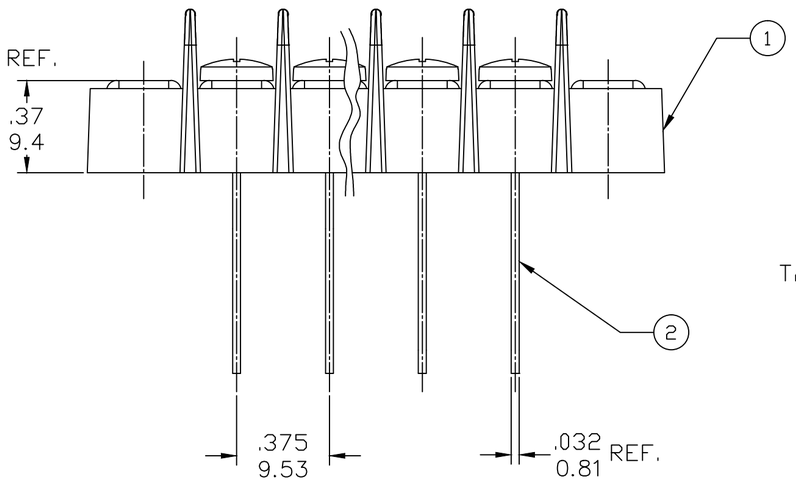
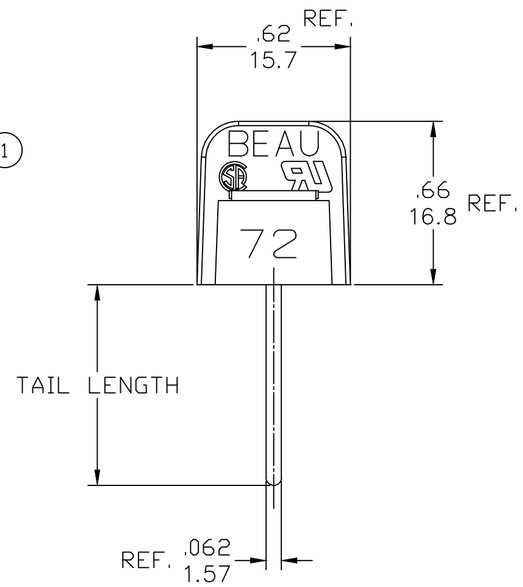



ISO VIEW

4 CIRCUIT SHOWN




| 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 (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

NOTES:

1. MATERIAL: SEE TABLE
2. ASSEMBLY MUST MEET BEAU WORKMANSHIP STANDARD ES-19900-059
3. PRODUCT SPECIFICATION: PS-38710-001
4. SEE SAP BOM FOR COMPONENT PART NUMBERS
5. "XX" REFERS TO THE QUANTITY OF CIRCUITS

| ITEM | QTY | DESCRIPTION | MATERIAL NO. | ENGINEERING NO. |
|---|---|---|---|---|
| 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-A12O |
| 2 | XX | TERMINAL | 380021279 | 7204-3411-A26O |
| 1 | 1 | BARRIER TERMINAL STRIP | 38728____ | 7200-XX02-V00O |

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

REV: A
DESCRIPTION: RELEASED
EC NO: IPG2015-0118 2014/07/18
DRWN: RSTONE 2014/07/23
CH'KD: BARDEN 2014/08/02
APPR: JFMURPHY

QUALITY SYMBOL: ▼=0, Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.01 |
| 1 PLACE | ±0.3 | ±--- |

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

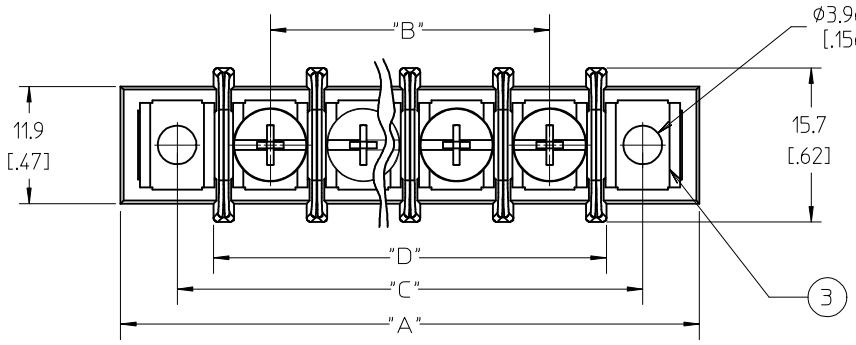
DRAWN BY: RSTONE DATE: 2014/07/18
CHECKED BY: ---- DATE: ----
APPROVED BY: JFMURPHY DATE: 2014/08/02
MATERIAL NO.: SEE PART LEGEND

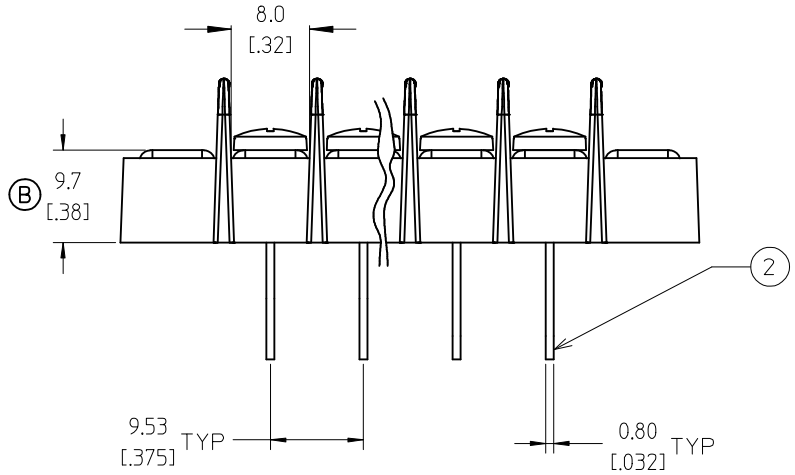
TITLE: SR BTS WW ASSY .375 PITCH WITH MOUNTING ENDS

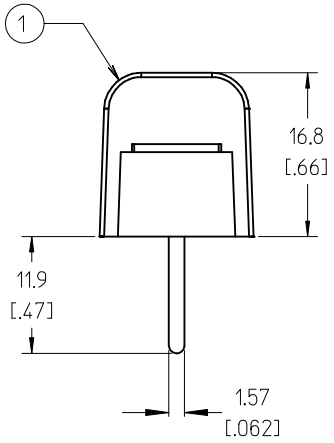
MOLEX INCORPORATED

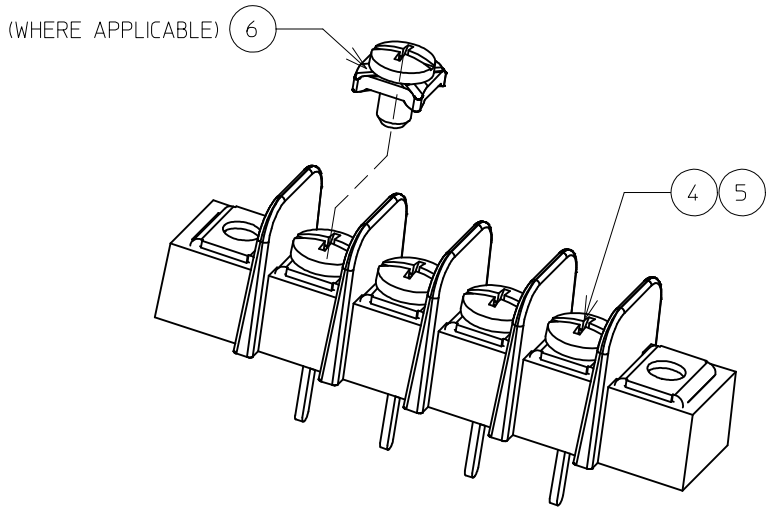
DOCUMENT NO.: E-38721-010
SHEET NO.: 1 0F 1

SIZE: C




PERSPECTIVE VIEW
4 CIRCUIT SHOWN

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
7. ALL COMPONENTS ARE ROHS COMPLIANT.

| ITEM | QTY | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|---|
| 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 |

UPDATE TERM. HEIGHT DIM.
EC NO: WNA2009-0445
DRWN: JENCINAS 2009/07/01
CH'KD: CYORK 2009/07/02
APPR: JMACNEIL 2009/07/02
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .005 |
| 2 PLACES | ± 0.13 | ± .01 |
| 1 PLACE | ± 0.3 | ± --- |
| ANGULAR ± 2 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: C. YORK DATE: 2006/03/24
CHECKED BY: RDEROSS DATE: 2006/03/24
APPROVED BY: RDEROSS DATE: 2006/03/24

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

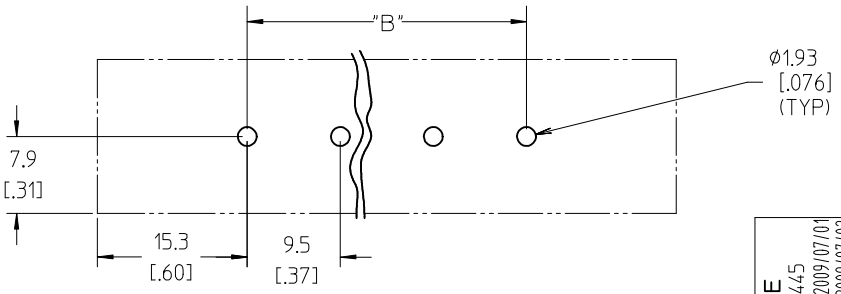
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-38721-003
SHEET NO.: 1 OF 2

SIZE B

| NUMBER OF CIRCUITS "XX" | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "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] |

| MATERIAL NO. (OPTION -50) | MATERIAL NO. (OPTION -49) | MATERIAL NO. (STANDARD) | NUMBER OF CIRCUITS "XX" |
|---|---|---|---|
| 38721-3402 | 38721-2802 | 38721-2202 | 02 |
| 38721-3403 | 38721-2803 | 38721-2203 | 03 |
| 38721-3404 | 38721-2804 | 38721-2204 | 04 |
| 38721-3405 | 38721-2805 | 38721-2205 | 05 |
| 38721-3406 | 38721-2806 | 38721-2206 | 06 |
| 38721-3407 | 38721-2807 | 38721-2207 | 07 |
| 38721-3408 | 38721-2808 | 38721-2208 | 08 |
| 38721-3409 | 38721-2809 | 38721-2209 | 09 |
| 38721-3410 | 38721-2810 | 38721-2210 | 10 |
| 38721-3411 | 38721-2811 | 38721-2211 | 11 |
| 38721-3412 | 38721-2812 | 38721-2212 | 12 |
| 38721-3413 | 38721-2813 | 38721-2213 | 13 |
| 38721-3414 | 38721-2814 | 38721-2214 | 14 |
| 38721-3415 | 38721-2815 | 38721-2215 | 15 |
| 38721-3416 | 38721-2816 | 38721-2216 | 16 |
| 38721-3417 | 38721-2817 | 38721-2217 | 17 |
| 38721-3418 | 38721-2818 | 38721-2218 | 18 |
| 38721-3419 | 38721-2819 | 38721-2219 | 19 |
| 38721-3420 | 38721-2820 | 38721-2220 | 20 |
| 38721-3421 | 38721-2821 | 38721-2221 | 21 |
| 38721-3422 | 38721-2822 | 38721-2222 | 22 |
| 38721-3423 | 38721-2823 | 38721-2223 | 23 |
| 38721-3424 | 38721-2824 | 38721-2224 | 24 |
| 38721-3425 | 38721-2825 | 38721-2225 | 25 |
| 38721-3426 | 38721-2826 | 38721-2226 | 26 |




PTH PATTERN

SEE SHEET ONE
EC NO: WNA2009-0445 2009/07/01
DRWN: JENCINAS 2009/07/02
CH'KD: CYORK
APPR: JMACNEIL 2009/07/02
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .005 |
| 2 PLACES | ± 0.13 | ± .01 |
| 1 PLACE | ± 0.3 | ± --- |
| ANGULAR ± 2 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

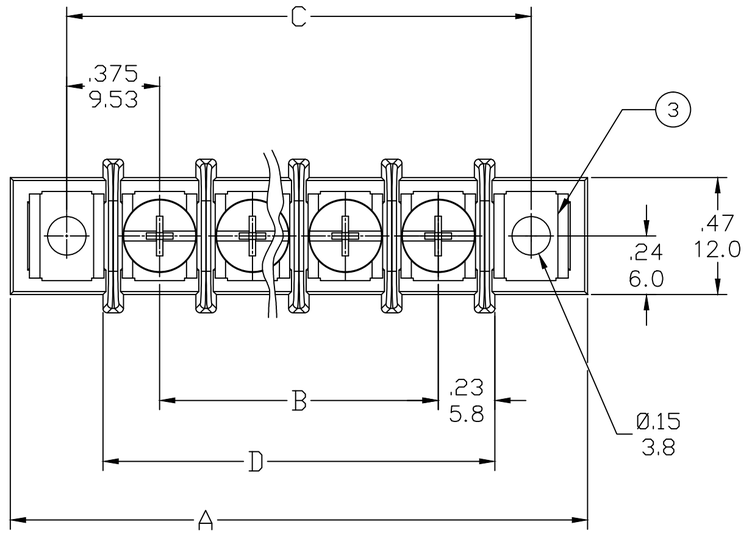
DRAWN BY: C. YORK DATE: 2006/03/24
CHECKED BY: RDEROSS DATE: 2006/03/24
APPROVED BY: RDEROSS DATE: 2006/03/24

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

MOLEX INCORPORATED

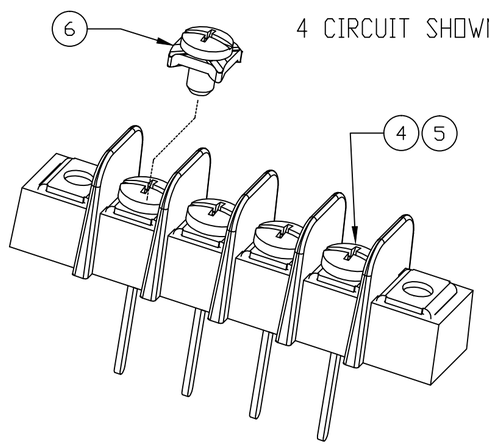
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-38721-003
SHEET NO.: 2 OF 2

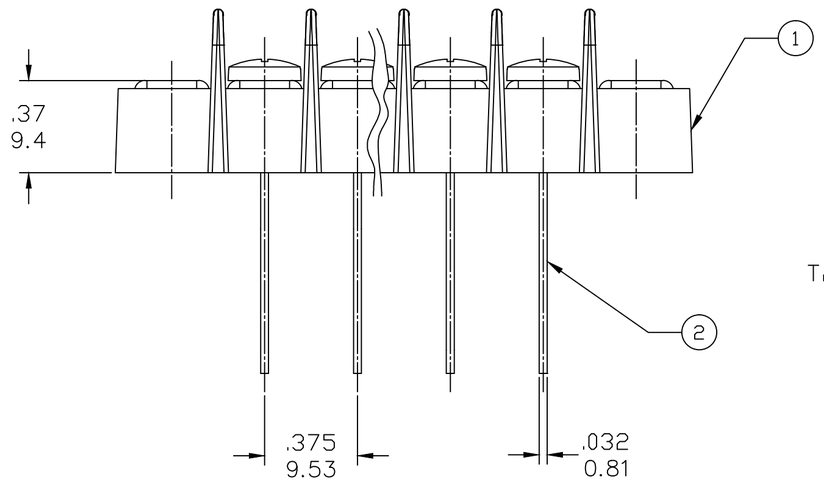
SIZE: B

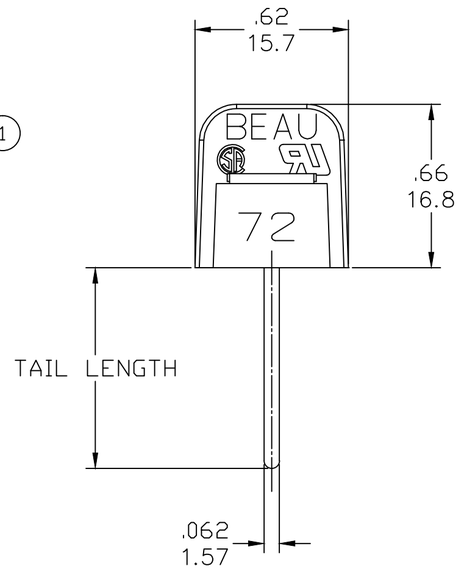


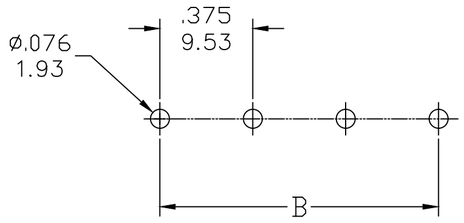

ISO VIEW

4 CIRCUIT SHOWN




PTH LAYOUT

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 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 (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

| ITEM | QTY | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|---|
| 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 |

RELEASED
EC NO: IPG2015-0118 2014/07/17
DRWN: RSTONE 2014/07/23
CH'KD: BARDEN 2014/08/02
APPR: JFMURPHY 2014/08/02
DESCRIPTION
REV: A

QUALITY SYMBOL
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.01 |
| 1 PLACE | ±0.3 | ±--- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY RSTONE DATE 2014/07/17
CHECKED BY BARDEN DATE ----
APPROVED BY JFMURPHY DATE 2014/08/02
MATERIAL NO. SEE PART LEGEND

TITLE: SR BTS WW ASSY .375 PITCH WITH MOUNTING ENDS

molex MOLEX INCORPORATED

DOCUMENT NO. SD-38721-010
SHEET NO. 1 0F 1

SIZE C

# Mouser Electronics

Authorized Distributor

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