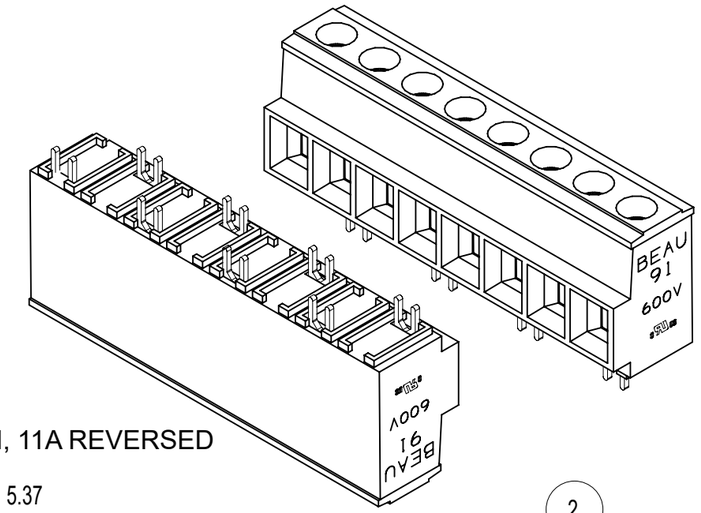
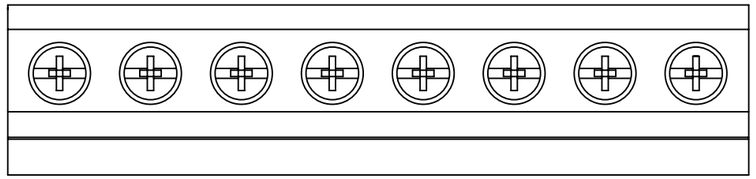
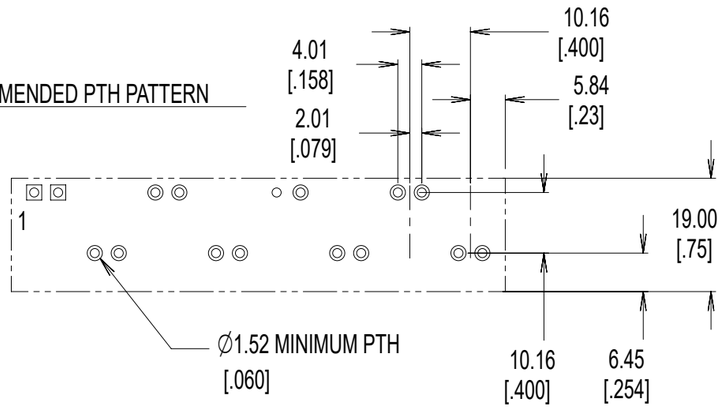
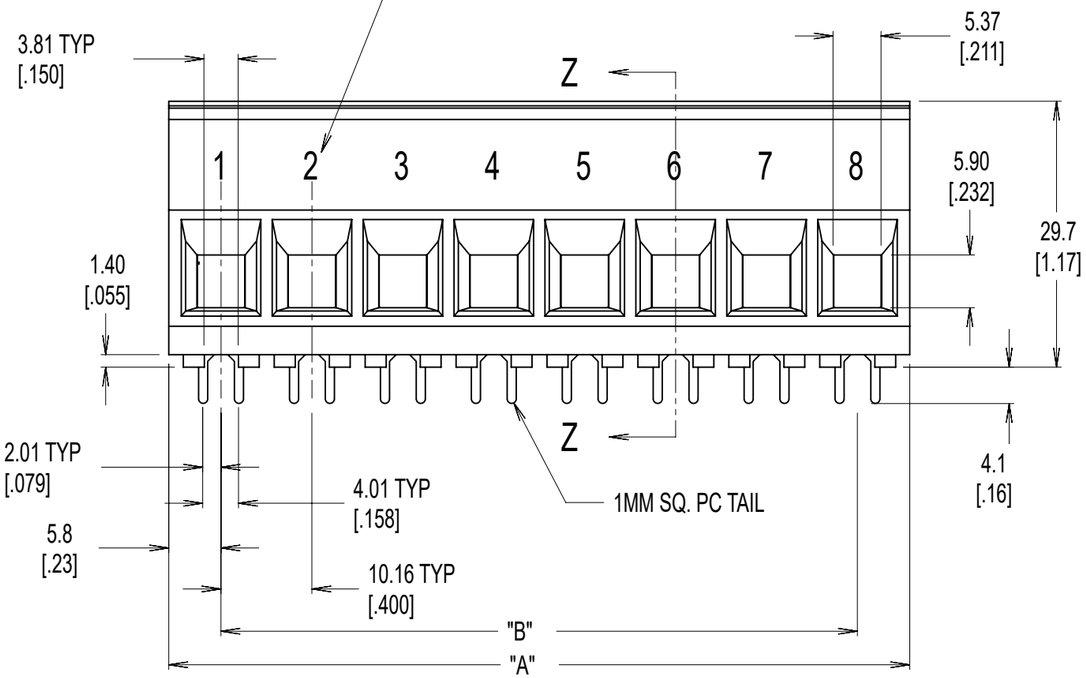


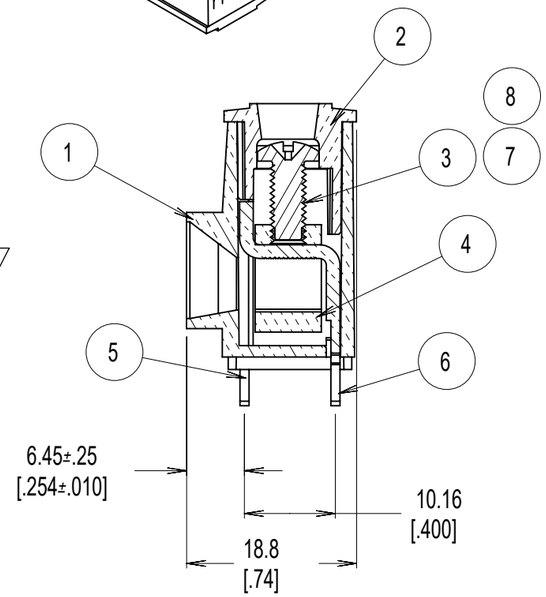



OPTIONAL IMPRINTING, 1/8" 10A SHOWN, 11A REVERSED

RECOMMENDED PTH PATTERN




SECTION Z-Z

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PART IS DESIGNED TO MEET UL 1059 CLASS C 600V, 60A
4. STAGGERED PC TAIL POSITION ON ALTERNATE CIRCUITS
5. "XX" REFERS TO NUMBER OF CIRCUITS
6. FOR OPTIONAL IMPRINTING, REFER TO SD-38120-005.
7. ASSEMBLY IS ROHS COMPLIANT BY EXEMPTION.
   COMPONENTES MARKED WITH AN ASTERISK (*) ARE ROHS
   COMPLIANT BY EXEMPTION, ALL OTHER ARE ROHS COMPLIANT.

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|---|
| 8 | XX | SCREW, M4 X 0.7 POZI-SLOT | ST. STEEL | PASSIVATED |
| 7 | XX | SCREW, M4 X 0.7 SLOTTED | BRONZE | TIN |
| 6 | A/R | REAR TERMINAL | COPPER | TIN |
| 5 | A/R | FRONT TERMINAL | COPPER | TIN |
| 4 | XX | CAGE (*) | BRASS | NICKEL |
| 3 | XX | SCREW, M4 X 0.7 POZI-SLOT | BRONZE | TIN |
| 2 | 1 | COVER | THERMOPLASTIC | BLACK |
| 1 | 1 | BODY | THERMOPLASTIC | BLACK |

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: 3:2 | | |
| 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 ° | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |

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

| | | |
|---|---|---|
| EC NO: | 823502 | |
| DRWN: | MADHAM5 | 2025/05/02 |
| CHK'D: | GGA | 2025/07/02 |
| APPR: | GGA | 2025/07/02 |
| INITIAL REVISION: | | |
| DRWN: | GHR | 2000/09/13 |
| APPR: | L.ROTHAUS | 2002/09/27 |

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SR BTS 6 AWG, 600V 60A

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39910-001 | PSD | 001 | E3 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | B-SIZE | 39910 | SEE CHART | GENERAL MARKET | 1 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/02 10:09:30 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| NO. OF CIRCUITS | DIM. "A" | | DIM. "B" | | MATERIAL NUMBER | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | STANDARD | OPTIONAL 10A IMPRINT | OPTIONAL 11A IMPRINT | OPTIONAL SLOTTED SCREW | OPTIONAL SLOTTED SCREW W/10A IMPRINT | OPTIONAL SLOTTED SCREW W/11A IMPRINT | OPTIONAL STAINLESS STEEL SCREW |
| 2 | 21.8 | 0.86 | 10.16 | 0.4 | 399100102 | 399120102 | 399130102 | 399100402 | 399120402 | 399130402 | 399100702 |
| 3 | 32 | 1.26 | 20.32 | 0.8 | 399100103 | 399120103 | 399130103 | 399100403 | 399120403 | 399130403 | 399100703 |
| 4 | 42.2 | 1.66 | 30.48 | 1.2 | 399100104 | 399120104 | 399130104 | --- | 399120404 | 399130404 | 399100704 |
| 5 | 52.3 | 2.06 | 40.64 | 1.6 | --- | 399120105 | 399130105 | 399100405 | 399120405 | 399130405 | 399100705 |
| 6 | 62.5 | 2.46 | 50.8 | 2 | 399100106 | 399120106 | 399130106 | 399100406 | 399120406 | 399130406 | 399100706 |
| 7 | 72.6 | 2.86 | 60.96 | 2.4 | 399100107 | 399120107 | 399130107 | 399100407 | 399120407 | 399130407 | ---- |
| 8 | 82.8 | 3.26 | 71.12 | 2.8 | 399100108 | 399120108 | 399130108 | 399100408 | 399120408 | 399130408 | 399100708 |
| 9 | 93 | 3.66 | 81.28 | 3.2 | --- | 399120109 | 399130109 | 399100409 | 399120409 | 399130409 | ---- |
| 10 | 103.1 | 4.06 | 91.44 | 3.6 | 399100110 | 399120110 | 399130110 | 399100410 | 399120410 | 399130410 | 399100710 |
| 11 | 113.3 | 4.46 | 101.6 | 4 | --- | 399120111 | 399130111 | 399100411 | 399120411 | 399130411 | 399100711 |
| 12 | 123.4 | 4.86 | 111.76 | 4.4 | 399100112 | 399120112 | 399130112 | 399100412 | 399120412 | 399130412 | 399100712 |
| 13 | 133.6 | 5.26 | 121.92 | 4.8 | --- | 399120113 | 399130113 | 399100413 | 399120413 | 399130413 | ---- |
| 14 | 143.8 | 5.66 | 132.08 | 5.2 | --- | 399120114 | 399130114 | 399100414 | 399120414 | 399130414 | 399100714 |

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: 3:2

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 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

EC NO: 823502
DRWN: MADHAM5 2025/05/02
CHK'D: GGA 2025/07/02
APPR: GGA 2025/07/02

INITIAL REVISION:
DRWN: GHR 2000/09/13
APPR: L.ROTHAUS 2002/09/27

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39910

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SR BTS 6 AWG, 600V 60A

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39910-001 | PSD | 001 | E3 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 2 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/02 10:09:30 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01