

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

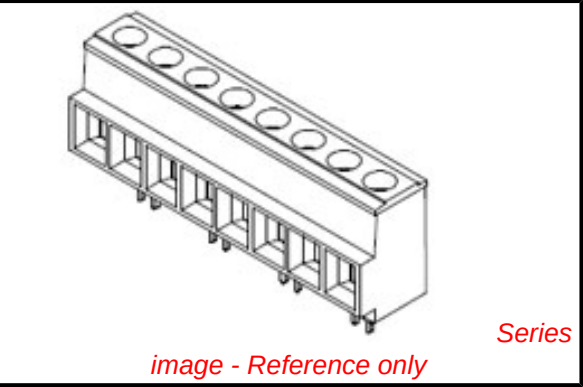
0399100302

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 40A, 2 Circuits



|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <a href="#">3D Model</a>      | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a> |                                                      |

|                                |                        |
|--------------------------------|------------------------|
| Agency Certification           |                        |
| UL                             | E48521                 |
| General                        |                        |
| Product Family                 | Terminal Blocks        |
| Series                         | 39910                  |
| Application                    | Wire-to-Board          |
| Component Type                 | One Piece              |
| Product Literature Order No    | USA-199                |
| Product Name                   | Eurostyle™ Fixed Mount |
| Type                           | Euro Block             |
| Physical                       |                        |
| Circuits (Loaded)              | 2                      |
| Circuits (maximum)             | 2                      |
| Color - Resin                  | Black                  |
| Entry Angle                    | Horizontal             |
| Flammability                   | 94V-0                  |
| Lock to Mating Part            | None                   |
| Material - Metal               | Brass, Copper          |
| Material - Plating Mating      | Tin                    |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Polyester              |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| PC Tail Length (in)            | 0.160 In               |
| PC Tail Length (mm)            | 4.10 mm                |
| PCB Retention                  | None                   |
| Panel Mount                    | No                     |
| Pitch - Mating Interface (in)  | 0.400 In               |
| Pitch - Mating Interface (mm)  | 10.16 mm               |
| Pitch - Term. Interface (in)   | 0.400 In               |
| Pitch - Term. Interface (mm)   | 10.16 mm               |
| Plating min: Mating (µin)      | 150                    |
| Plating min: Mating (µm)       | 3.75                   |
| Plating min: Termination (µin) | 150                    |
| Plating min: Termination (µm)  | 3.75                   |
| Polarized to Mating Part       | Yes                    |
| Shrouded                       | Fully                  |
| Stackable                      | No                     |
| Surface Mount Compatible (SMC) | No                     |
| Temperature Range - Operating  | 130°C                  |
| Termination Interface: Style   | Through Hole           |
| Wire Size AWG                  | 10, 12, 14, 16, 18, 8  |
| Wire Size mm²                  | 0.75 - 6.0             |
| Electrical                     |                        |

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

39910Series

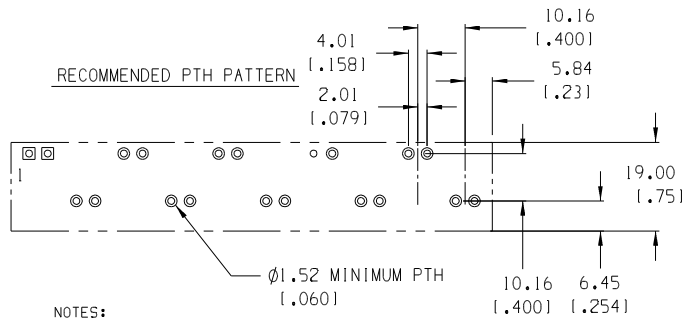
Mates With

N/A

|                                    |                        |
|------------------------------------|------------------------|
| Current - Maximum per Contact      | 40A                    |
| Voltage - Maximum                  | 600V                   |
| <b>Solder Process Data</b>         |                        |
| Lead-free Process Capability       | Wave Capable (TH only) |
| <b>Material Info</b>               |                        |
| Old Part Number                    | 913502                 |
| <b>Reference - Drawing Numbers</b> |                        |
| Sales Drawing                      | SD-39910-002           |

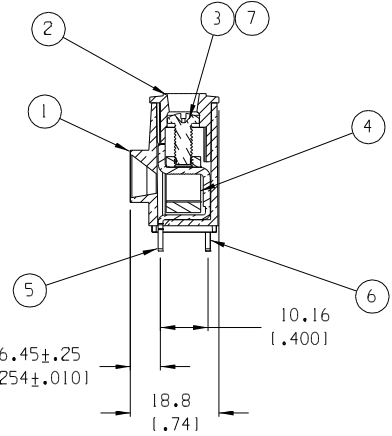
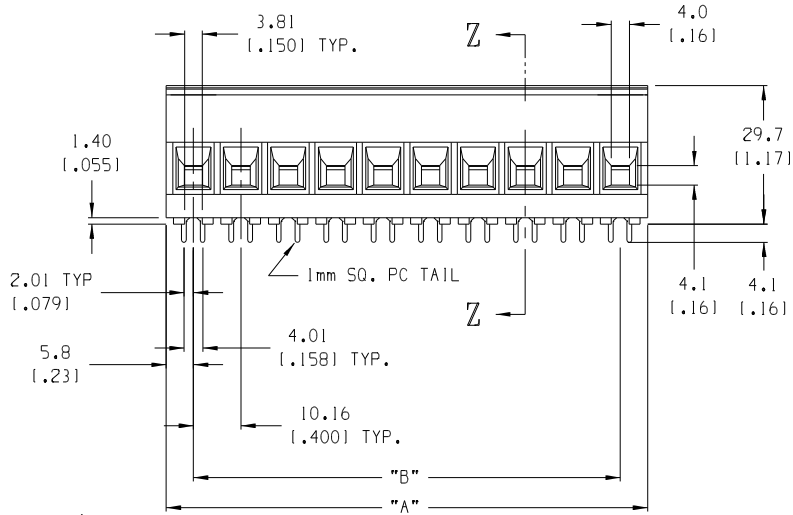
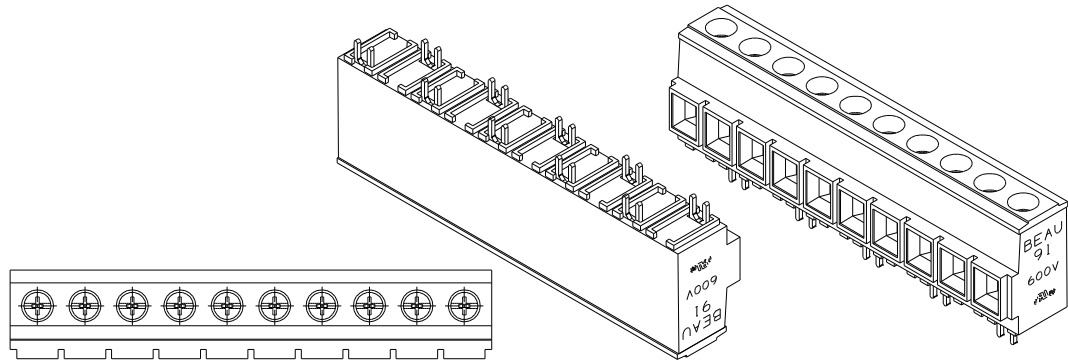
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- NOTES:
- 1. MATERIAL: SEE TABLE
  - 2. FINISHES: SEE TABLE
  - 3. PRODUCT SPECIFICATION: NOT REQUIRED
  - 4. PACKAGING: NOT REQUIRED
  - 5. MATES WITH: NONE
  - 6. PART IS DESIGNED TO MEET UL 1059 CLASS C 600V, 40A
  - 7. STAGGERED PC TAIL POSITION ON ALTERNATE CIRCUITS
  - 8. "XX" REFERS TO NUMBER OF CIRCUITS
  - 9. FOR OPTIONAL IMPRINTING, REFER TO SD-38120-005

|      |      |                                    |               |        |
|------|------|------------------------------------|---------------|--------|
| 7    | XX   | SCREW, M4, #2 POZI-SLOT, ST. STEEL | ST. STEEL     | TIN    |
| 6    | A/R  | REAR TERMINAL                      | COPPER        | TIN    |
| 5    | A/R  | FRONT TERMINAL                     | COPPER        | TIN    |
| 4    | XX   | CAGE                               | BRASS         | NICKEL |
| 3    | XX   | SCREW, M4, #2 POZI-SLOT, BRONZE    | BRONZE        | TIN    |
| 2    | I    | COVER                              | THERMOPLASTIC | BLACK  |
| 1    | I    | BODY                               | THERMOPLASTIC | BLACK  |
| ITEM | QTY. | DESCRIPTION                        | MATERIAL      | FINISH |



SECTION Z-Z

|                                                        |                                  |                                                         |  |                                                                                                                                   |                                                                                      |                           |                                                                                                                      |                             |     |                     |
|--------------------------------------------------------|----------------------------------|---------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------|-----|---------------------|
| EC NO. 4261<br>DRN: RK 10-7-05<br>CHK:<br>APPR:<br>REV | DESCRIPTION<br>MAJOR<br>CRITICAL | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)               |  | SCALE 1:1                                                                                                                         | DESIGN UNITS<br><input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH | THIRD ANGLE<br>PROJECTION | PROJECT NO. -                                                                                                        |                             | -   | -                   |
|                                                        |                                  |                                                         |  | DRAWN BY & DATE<br>R.STONE 9-13-00                                                                                                |                                                                                      |                           | DIMENSIONS:<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY |                             | SHT | REV                 |
|                                                        |                                  |                                                         |  | CHECKED BY & DATE<br>R.KEMP 9-13-02                                                                                               |                                                                                      |                           | TITLE: SR BTS 8 AWG ASSY, 600V 40 A                                                                                  |                             |     |                     |
|                                                        |                                  |                                                         |  | APPROVED BY & DATE<br>L. ROTHBAUS 9-27-02                                                                                         |                                                                                      |                           |                                                                                                                      |                             |     |                     |
|                                                        |                                  | ANGULAR: ±2°                                            |  | CAD FILENAME<br>9135XX                                                                                                            |                                                                                      | MATERIAL NO.<br>SEE CHART |                                                                                                                      | DRAWING NO.<br>SD-39910-002 |     | SHEET NO.<br>1 OF 2 |
|                                                        |                                  | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                                                                      |                           |                                                                                                                      |                             |     | SIZE<br>B           |

