

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399600111

Status:

Active

Description:

8.00mm (.315") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Voltage 11 Circuits

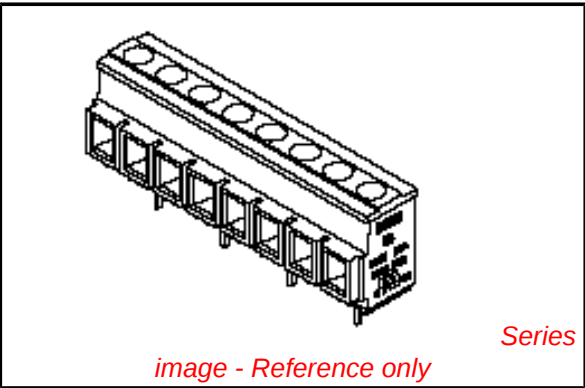
Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

| General                        |                              |
|--------------------------------|------------------------------|
| Product Family                 | Terminal Blocks              |
| Series                         | 39960                        |
| 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)              | 11                           |
| Circuits (maximum)             | 11                           |
| Entry Angle                    | Horizontal                   |
| Lock to Mating Part            | None                         |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Tin                          |
| Material - Plating Termination | Tin                          |
| Number of Rows                 | 1                            |
| Orientation                    | Vertical                     |
| PC Tail Length (in)            | 0.160 In                     |
| PC Tail Length (mm)            | 4.06 mm                      |
| PCB Retention                  | None                         |
| Panel Mount                    | No                           |
| Pitch - Mating Interface (in)  | 0.315 In                     |
| Pitch - Mating Interface (mm)  | 8.00 mm                      |
| Pitch - Term. Interface (in)   | 0.315 In                     |
| Pitch - Term. Interface (mm)   | 8.00 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       | N/A                          |
| Shrouded                       | Fully                        |
| Stackable                      | No                           |
| Surface Mount Compatible (SMC) | No                           |
| Temperature Range - Operating  | 130°C                        |
| Wire Size AWG                  | 10, 12, 14, 16, 18, 20, 22   |
| Wire Size mm²                  | 0.50 - 4.00                  |
| Electrical                     |                              |
| Current - Maximum per Contact  | 30A                          |
| Voltage - Maximum              | 600V                         |
| Material Info                  |                              |
| Old Part Number                | 960511                       |
| Reference - Drawing Numbers    |                              |
| Sales Drawing                  | SD-39960-002                 |



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

39960Series

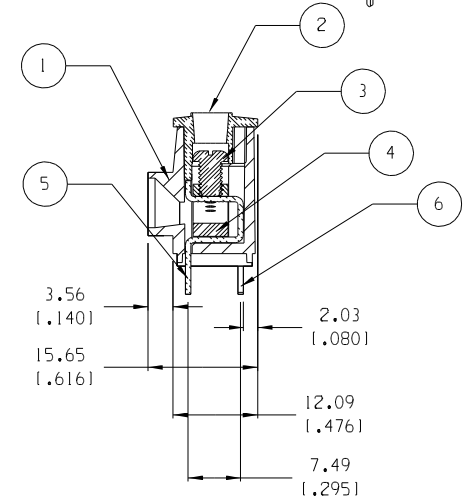
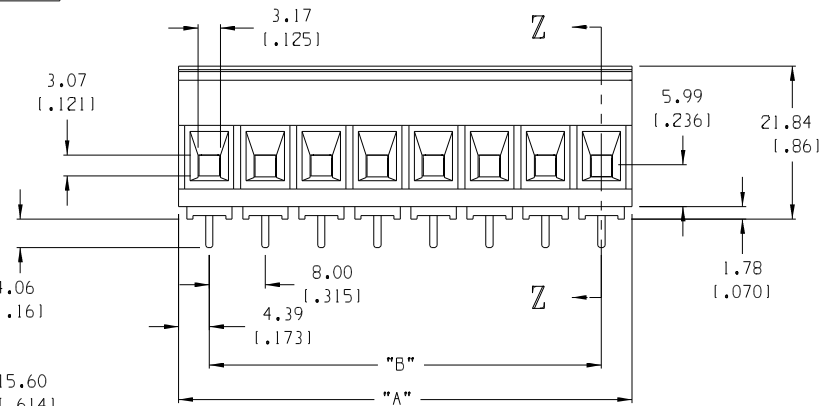
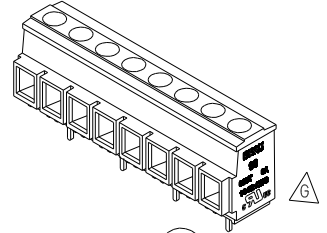
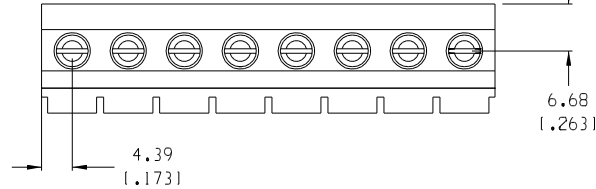
Mates With

N/A

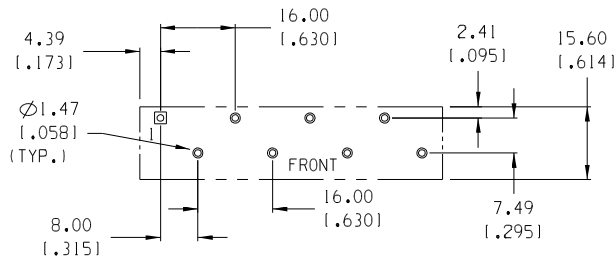
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| MATERIAL NO. | NUMBER OF<br>CIRCUITS "XX" | DIM.<br>"A" | DIM.<br>"B"   |
|--------------|----------------------------|-------------|---------------|
| 39960-0103   | 03                         | 24.9 [1.98] | 16.00 [1.630] |
| 39960-0104   | 04                         | 32.9 [1.30] | 24.00 [1.945] |
| 39960-0105   | 05                         | 40.9 [1.61] | 32.00 [1.260] |
| 39960-0106   | 06                         | 48.9 [1.93] | 40.00 [1.575] |
| 39960-0107   | 07                         | 56.9 [2.24] | 48.00 [1.890] |
| 39960-0108   | 08                         | 64.9 [2.56] | 56.00 [2.205] |
| 39960-0109   | 09                         | 72.9 [2.87] | 64.00 [2.520] |
| 39960-0110   | 10                         | 80.9 [3.19] | 72.00 [2.835] |
| 39960-0111   | 11                         | 88.9 [3.50] | 80.00 [3.150] |
| 39960-0112   | 12                         | 96.9 [3.82] | 88.00 [3.465] |



SECTION Z-Z



PTH PATTERN

## NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. ALL CREEP DISTANCES FOR UL 1059, CLASS C, 600V GENERAL INDUSTRIAL.
7. FOR USE WITH #22-#10 AWG SOLID AND STRANDED WIRES.
8. TORQUE RATING IS 7 IN.-LB.
9. "XX" REFERS TO THE NUMBER OF CIRCUITS.

| 6    | XX/2 | REAR TERMINAL     | BRASS         | TIN    |
|------|------|-------------------|---------------|--------|
| 5    | XX/2 | FRONT TERMINAL    | BRASS         | TIN    |
| 4    | XX   | CAGE              | BRASS         | NICKEL |
| 3    | XX   | SCREW, M3.5 X 0.6 | BRONZE        | TIN    |
| 2    | I    | COVER             | THERMOPLASTIC | BLACK  |
| 1    | I    | BODY              | THERMOPLASTIC | BLACK  |
| ITEM | QTY. | DESCRIPTION       | MATERIAL      | FINISH |

EC NO. ECN 3920  
DRAWN: JF 12-20-04  
CHK'D:  
APPR:

QUALITY  
SYMBOLS  
MAJOR  
CRITICAL  
C  
REV

GENERAL TOLERANCES:  
(UNLESS SPECIFIED)

|          | mm    | INCH   |
|----------|-------|--------|
| 4 PLACES |       | ±.0015 |
| 3 PLACES | ±.038 | ±.005  |
| 2 PLACES | ±.13  | ±.01   |
| 1 PLACE  | ±.3   |        |

ANGULAR: ±2°

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

SCALE  
3:2

DESIGN UNITS  
☐ mm ☒ INCH

DRAWN BY & DATE  
GHR 3-19-02

CHECKED BY & DATE  
A. PLAZA 6-18-02

APPROVED BY & DATE  
L. ROTHBAUS 6-18-02

CAD FILENAME  
9605-XX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

THIRD ANGLE  
PROJECTION

TITLE: SR BTS, PKT, #10 AWG, ASSY  
600V, 30A

MOLEX INCORPORATED

MATERIAL NO.  
SEE CHART

DRAWING NO.  
SD-39960-002

SHEET NO.  
1 OF 1

SIZE  
B

DIMENSIONS:  
☒ mm ☐ INCH ☐ mm ONLY

SHT REV  
REVISE ON  
CAD ONLY