

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399100310

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 40A, 10 Circuits

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

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)

10

Circuits (maximum)

10

Color - Resin

Black

Entry Angle

Horizontal

Flammability

94V-0

Lock to Mating Part

None

Material - Metal

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

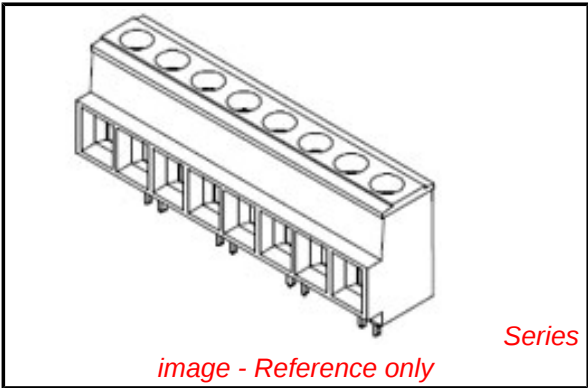
Wire Size AWG

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

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

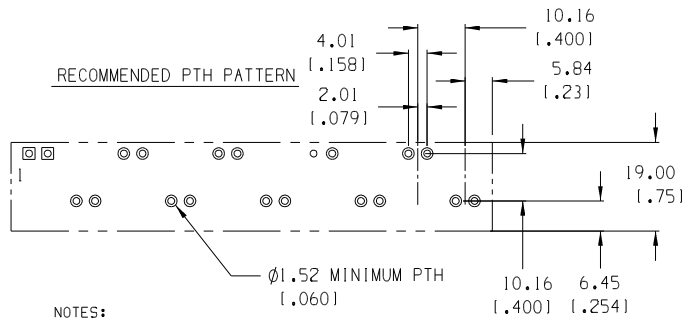
Mates With

N/A

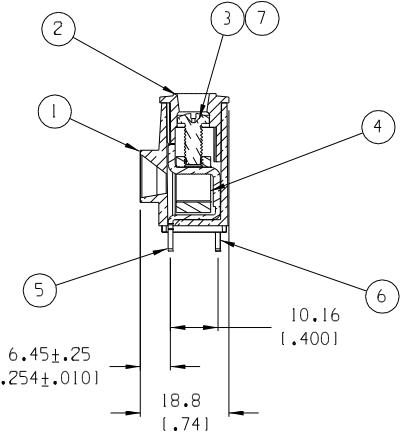
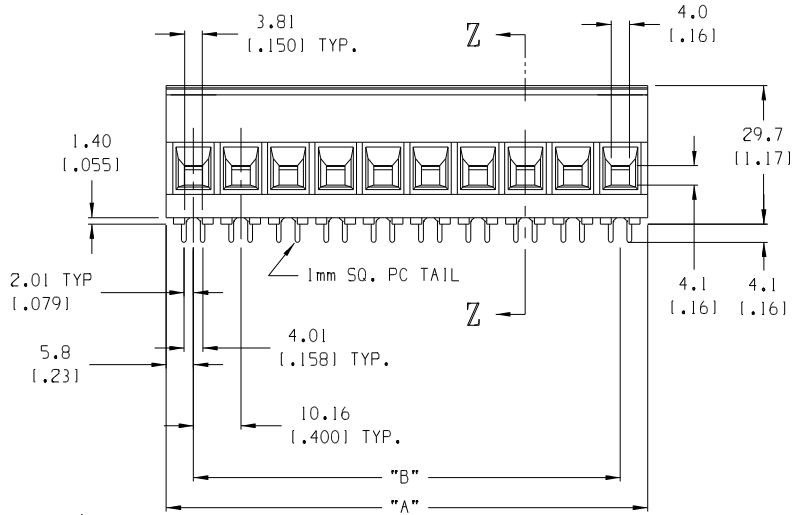
Current - Maximum per Contact	40A
Voltage - Maximum	600V
Material Info	
Old Part Number	913510
Reference - Drawing Numbers	
Sales Drawing	SD-39910-002

This document was generated on 04/27/2010

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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



SECTION Z-Z

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

EC NO. ECN# 4261
DRAWN: RK 10-7-05
CHK: CH
APPR: APPR

DESCRIPTION
MAJOR
CRITICAL
REV

GENERAL TOLERANCES: (UNLESS SPECIFIED)	
4 PLACES	mm INCH
3 PLACES	±.038 ±.005
2 PLACES	±.13 ±.01
1 PLACE	±.3
ANGULAR: ±2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

SCALE 1:1
DESIGN UNITS ☐ mm ☒ INCH
DRAWN BY & DATE R.STONE 9-13-00
CHECKED BY & DATE R.KEMP 9-13-02
APPROVED BY & DATE L. ROTHBAUS 9-27-02
CAD FILENAME 9135XX

PROJECT NO. - - -
DIMENSIONS: ☒ mm ☐ INCH ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY
TITLE: SR BTS 8 AWG ASSY, 600V 40 A
MOLEX INCORPORATED
MATERIAL NO. SEE CHART
DRAWING NO. SD-39910-002
SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.
SIZE B

