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Part Number:

0399100110

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 60A, 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

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

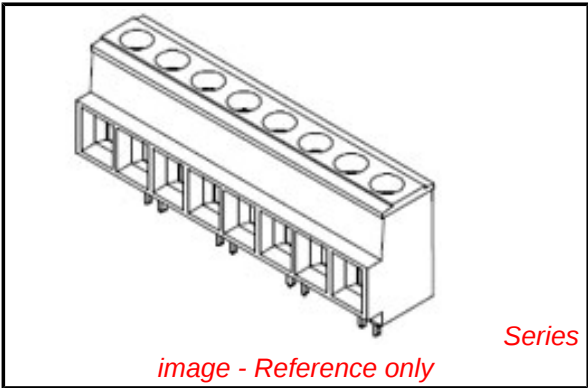
Wire Size AWG

10, 12, 14, 16, 18, 6, 8

Wire Size mm²

0.75 - 10.0

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

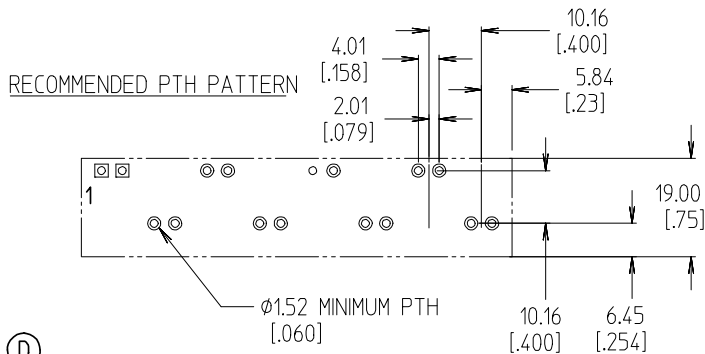
Mates With

N/A

Current - Maximum per Contact	60A
Voltage - Maximum	600V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Old Part Number	910510
Reference - Drawing Numbers	
Sales Drawing	SD-39910-001

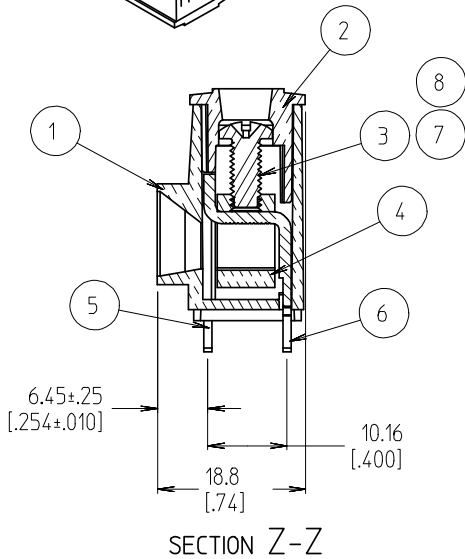
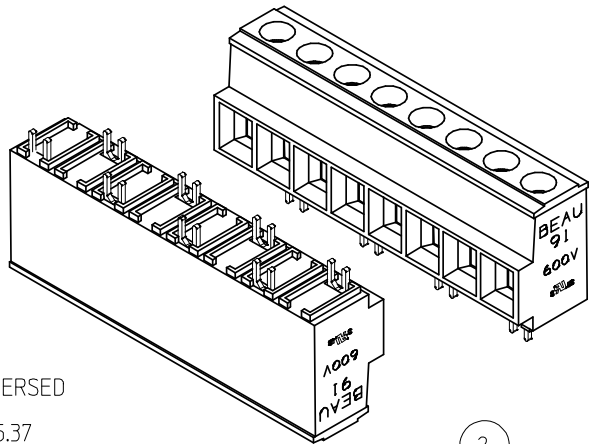
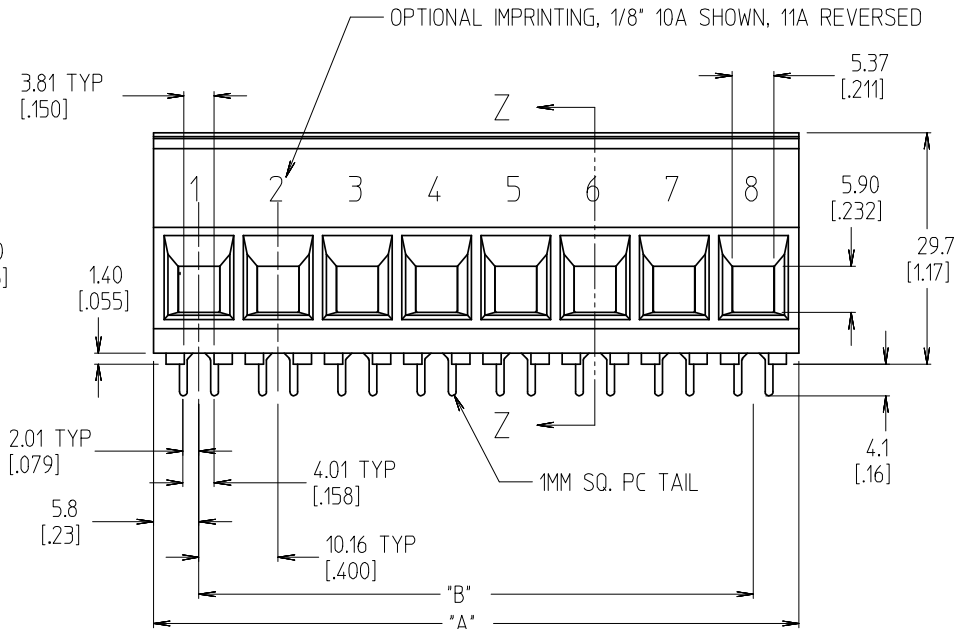
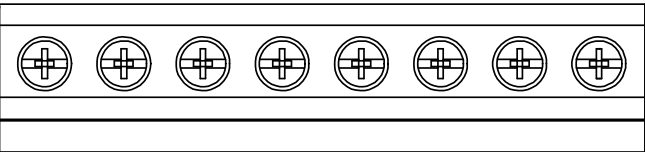
This document was generated on 04/27/2010

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- 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. ALL COMPONENTS ARE ROHS COMPLIANT BY EXEMPTION.

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH



ADD MATERIAL NO. EC NO: ETC2007-0061 DRWN:CYORK 2006/08/30 CHKD:JMACNEIL 2006/08/30 APPR:JMACNEIL 2006/08/31 D	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
						MM/IN		3:2		INCH					
					mm	INCH	DRAWN BY		DATE		TITLE				
				4 PLACES	± ---	± ---	GHR		2000/09/13		SR BTS 6 AWG, 600V 60A				
				3 PLACES	± ---	± .005	CHECKED BY		DATE						
				2 PLACES	± 0.13	± .01	R. KEMP		2002/09/13						
				1 PLACE	± 0.3	± ---	APPROVED BY		DATE						
				ANGULAR ± 2 °		L. ROTHMAUS		2002/09/27		molex		MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE SHT. 2		DOCUMENT NO.		SD-39910-001		SHEET NO.	
						SIZE		B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

NO. OF CIRCUITS	DIM. "A"		DIM. "B"		MATERIAL NUMBER						
					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
	mm	in	mm	in							
02	21.8	0.86	10.16	0.400	399100102	399120102	399130102	399100402	399120402	399130402	399100702
03	32.0	1.26	20.32	0.800	399100103	399120103	399130103	399100403	399120403	399130403	399100703
04	42.2	1.66	30.48	1.200	399100104	399120104	399130104	399100404	399120404	399130404	399100704
05	52.3	2.06	40.64	1.600	399100105	399120105	399130105	399100405	399120405	399130405	399100705
06	62.5	2.46	50.80	2.000	399100106	399120106	399130106	399100406	399120406	399130406	399100706
07	72.6	2.86	60.96	2.400	399100107	399120107	399130107	399100407	399120407	399130407	399100707
08	82.8	3.26	71.12	2.800	399100108	399120108	399130108	399100408	399120408	399130408	399100708
09	93.0	3.66	81.28	3.200	399100109	399120109	399130109	399100409	399120409	399130409	399100709
10	103.1	4.06	91.44	3.600	399100110	399120110	399130110	399100410	399120410	399130410	399100710
11	113.3	4.46	101.60	4.000	399100111	399120111	399130111	399100411	399120411	399130411	399100711
12	123.4	4.86	111.76	4.400	399100112	399120112	399130112	399100412	399120412	399130412	399100712
13	133.6	5.26	121.92	4.800	399100113	399120113	399130113	399100413	399120413	399130413	399100713
14	143.8	5.66	132.08	5.200	399100114	399120114	399130114	399100414	399120414	399130414	399100714

ⓓ

E

E

D

D

C

C

B

B

A

A

SEE SHEET 1
EC NO: ETC2007-0061
DRWN: CYORK 2006/08/30
CHKD: JMACNEIL 2006/08/30
APPR: JMACNEIL 2006/08/31

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
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
DRAWN BY DATE
GHR 2000/09/13
CHECKED BY DATE
R. KEMP 2002/09/13
APPROVED BY DATE
L. ROTHHAUS 2002/09/27
MATERIAL NO.
SEE CHART
SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
3:2
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
TITLE
SR BTS 6 AWG, 600V 60A
MOLEX MOLEX INCORPORATED
DOCUMENT NO.
SD-39910-001
SHEET NO.
2 OF 2

1b_frame_B_P_ME_T
Rev. D 2004/04/02

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