

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

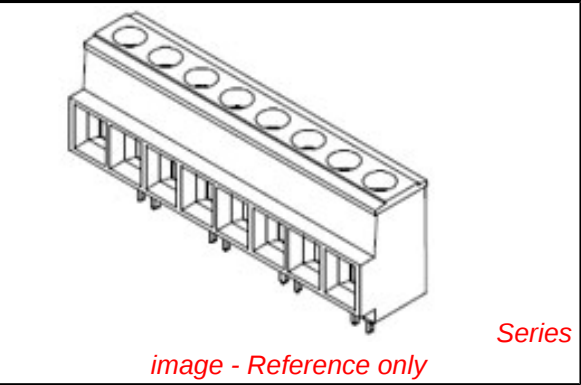
0399100104

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 60A, 4 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)	4	
Circuits (maximum)	4	
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, 6, 8	
Wire Size mm²	0.75 - 10.0	

Electrical

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

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

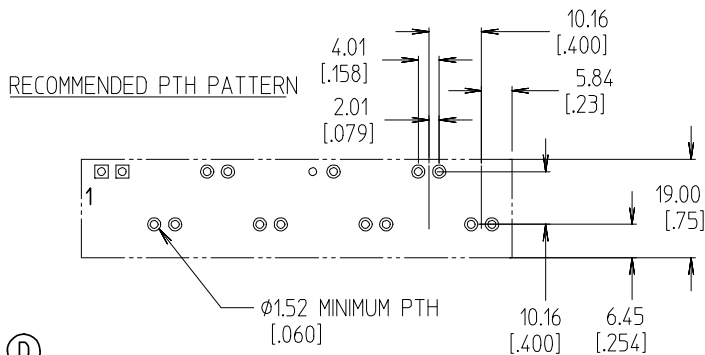
Mates With

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	910504
Reference - Drawing Numbers	
Sales Drawing	SD-39910-001

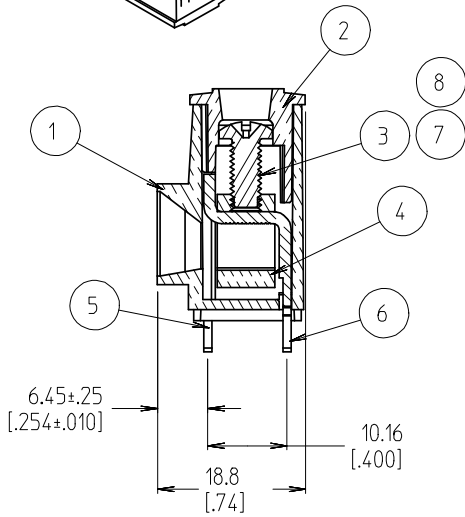
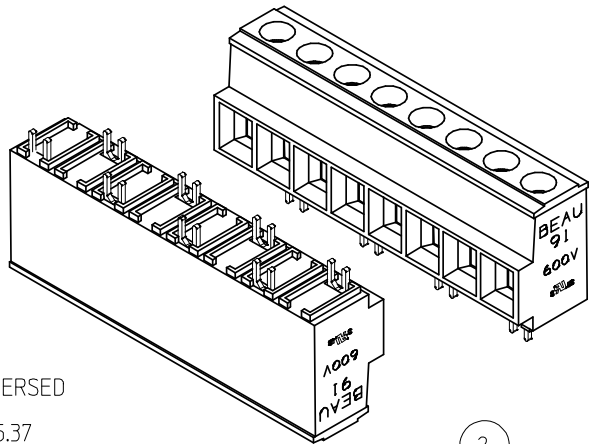
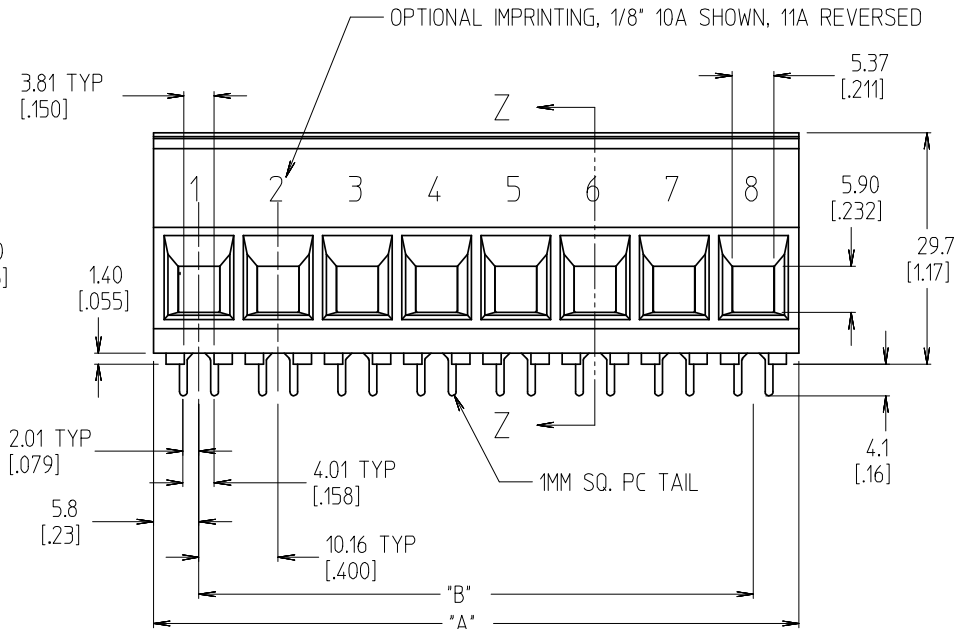
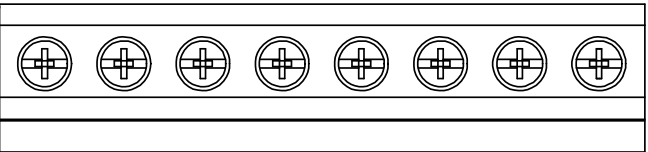
This document was generated on 05/20/2010

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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



SECTION Z-Z

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	INCH	MM/IN		3:2		INCH			
				4 PLACES	± ---	± ---	DRAWN BY DATE		TITLE		SR BTS 6 AWG, 600V 60A			
				3 PLACES	± ---	± .005	GHR 2000/09/13							
				2 PLACES	± 0.13	± .01	CHECKED BY DATE							
							R. KEMP 2002/09/13							
				1 PLACE	± 0.3	± ---	APPROVED BY DATE							
							L. ROTHBAUS 2002/09/27							
				ANGULAR ± 2 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHT. 2		SD-39910-001		1 OF 2			
SIZE B											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

F

E

E

D

D

C

C

B

B

A

A

					MATERIAL NUMBER							Ⓚ
NO. OF CIRCUITS	DIM. "A"		DIM. "B"		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	

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
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MATERIAL NO.
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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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