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Part Number:

0399600710

Status:

Active

Description:

8.00mm (.315") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 600 Voltage, 30A, 10 Circuits

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

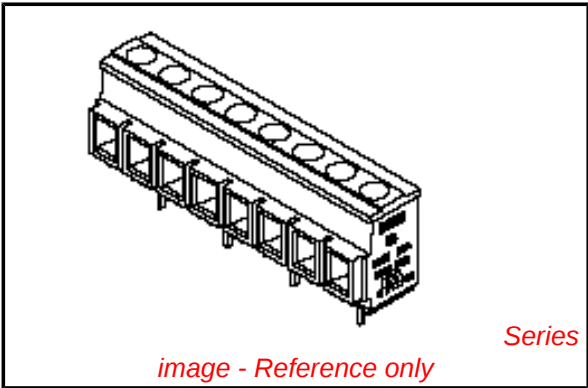
Drawing (PDF)

General	
Product Family	Terminal Blocks
Series	39960
Application	Wire-to-Board
Component Type	One Piece
Product Name	Eurostyle™Fixed Mount
Type	Euro Block
Physical	
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Entry Angle	Vertical
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.161 In
PC Tail Length (mm)	4.10 mm
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	3.18 mm
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	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +140°C
Wire Size AWG	10, 12, 14, 16, 18, 20, 22
Wire Size mm²	2.50 - 25

Electrical	
Current - Maximum per Contact	30A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.

China RoHS



Pb

Search Parts in this Series

39960Series

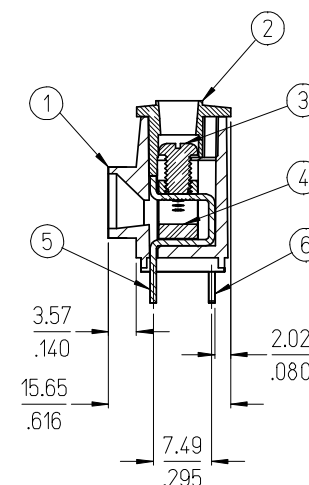
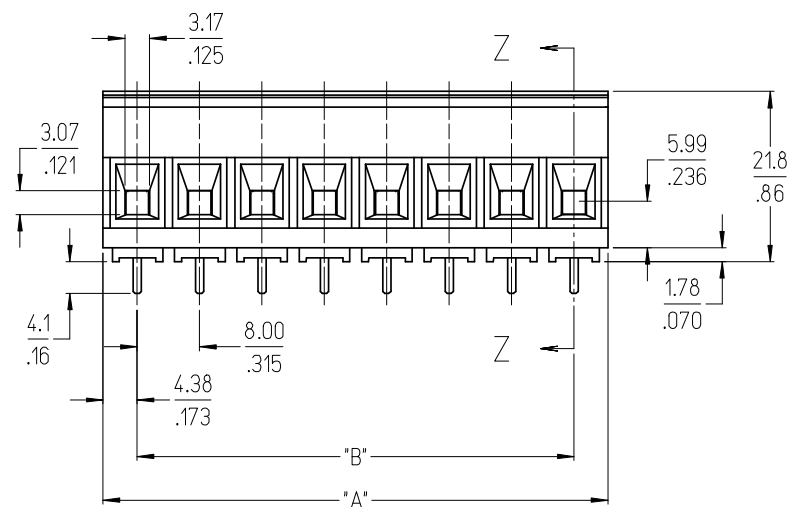
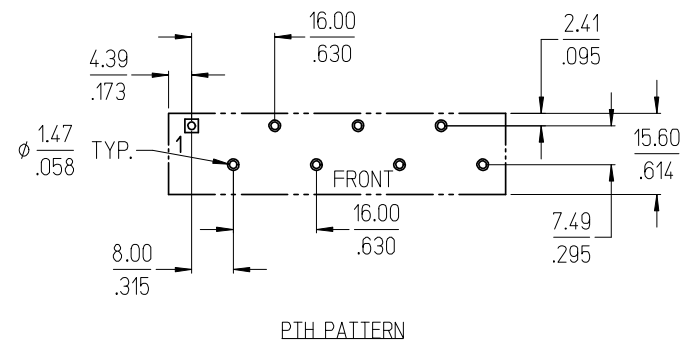
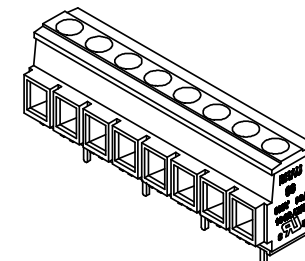
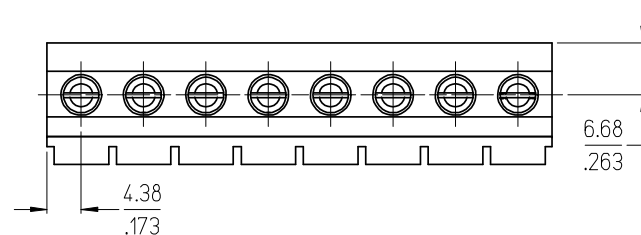
Mates With

N/A

This document was generated on 04/27/2010

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10			9		8		7	
NO. OF CIRCUITS	DIM. "A"		DIM. "B"		ASSEMBLY MATERIAL NO.	FRONT TERM. (ITEM 5) QTY.	REAR TERM. (ITEM 6) QTY.	
	mm	in	mm	in				
03	24.9	.98	16.00	.630	399600703	1	2	
04	32.9	1.30	24.00	.945	399600704	2	2	
05	40.9	1.61	32.00	1.260	399600705	2	3	
06	48.9	1.93	40.00	1.575	399600706	3	3	
07	56.9	2.24	48.00	1.890	399600707	3	4	
08	64.9	2.56	56.00	2.205	399600708	4	4	
09	72.9	2.87	64.00	2.520	399600709	4	5	
10	80.9	3.19	72.00	2.835	399600710	5	5	
11	88.9	3.50	80.00	3.150	399600711	5	6	
12	96.9	3.82	88.00	3.465	399600712	6	6	



SECTION Z-Z

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. ALL CREEP DISTANCES FOR UL 1059, CLASS C, 600V GENERAL INDUSTRIAL.
4. FOR USE WITH #22-#10 AWG SOLID AND STRANDED WIRES.
5. TORQUE RATING IS 7 IN-LB.
6. "XX" REFERS TO THE NUMBER OF CIRCUIT POSITIONS.
7. ASSEMBLY IS ROHS COMPLIANT BY EXEMPTION.
COMPONENTS MARKED WITH AN ASTERISK (*) ARE ROHS
COMPLIANT BY EXEMPTION, ALL OTHERS ARE ROHS COMPLIANT.

6	SEE CHART	REAR TERMINAL	COPPER ALLOY	TIN PLATE
5	SEE CHART	FRONT TERMINAL	COPPER ALLOY	TIN PLATE
4	'XX'	CAGE CLAMP (*)	BRASS	NICKEL PLATE
3	'XX'	SCREW, M3.5 X 0.6, SLOTTED	STAINLESS STEEL	PASSIVATED
2	1	COVER	PBT	BLACK
1	1	BODY	PBT	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

INITIAL RELEASE EC NO: ETC2008-0077 DRWN:CLYORK 2007/09/17 CHKD: JMACNEIL 2007/09/18 APPR: JMACNEIL 2007/09/18 A		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 3:2		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY	DATE	TITLE 8.00/.315 SR BTS, PC, #10 AWG ASSY, 600V, 30A, SS SCREW					
				4 PLACES	± ---	± ---	C. YORK	2007/09/12						
				3 PLACES	± ---	± .005	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED					
2 PLACES	± 0.13	± .01	J. MACNEIL	2007/09/12										
1 PLACE	± 0.3	± ---	APPROVED BY	DATE	MATERIAL NO. SD-39960-003 SHEET NO. 1 OF 1									
ANGULAR ± 2 °			J. MACNEIL	2007/09/12										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART											
			SIZE B			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								