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Part Number:

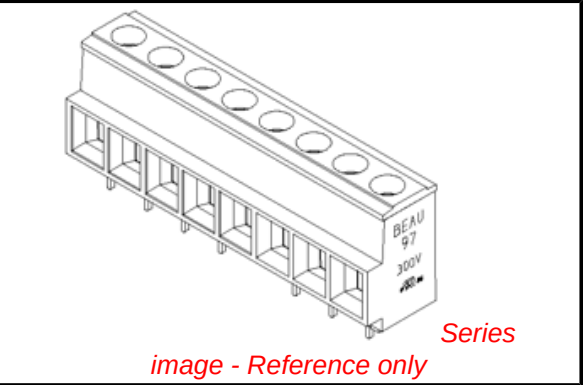
0399700303

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Power 40A, 3 Circuits



Documents:	
3D Model	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification	
UL	E48521
General	
Product Family	Terminal Blocks
Series	39970
Application	Wire-to-Board
Component Type	One Piece
Product Name	Eurostyle™ Fixed Mount
Type	Euro Block
Physical	
Circuits (Loaded)	3
Circuits (maximum)	3
Entry Angle	Horizontal
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass, Copper
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)	0.400 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)	3.8
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.8
Polarized to Mating Part	N/A
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 - 6.0
Electrical	
Current - Maximum per Contact	40A
Voltage - Maximum	300V
Material Info	

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

39970Series

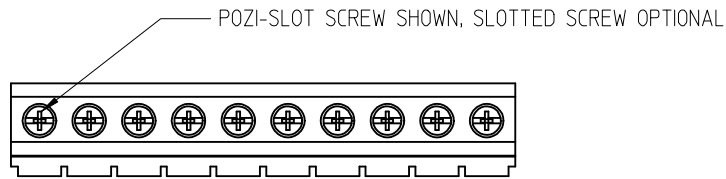
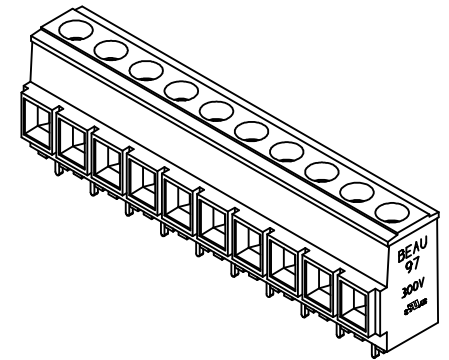
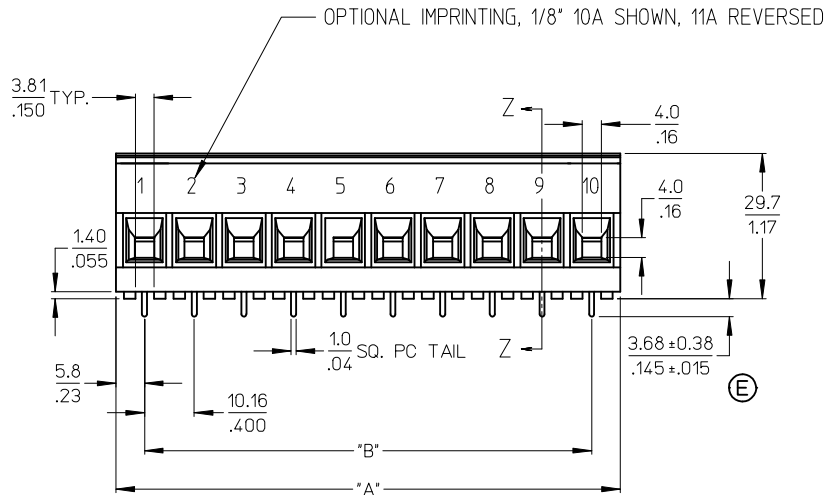
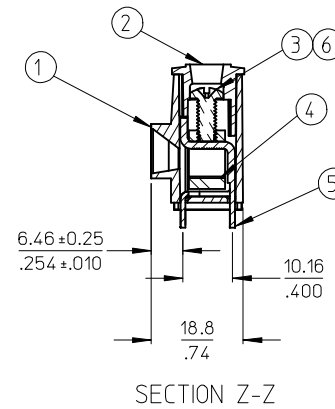
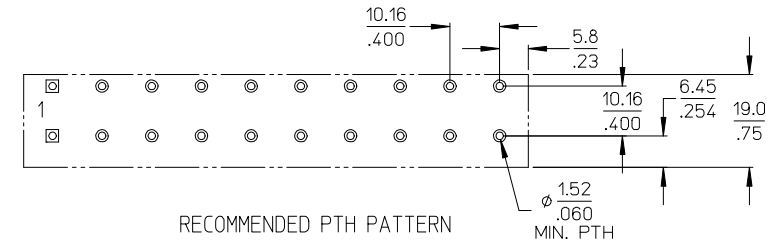
Mates With

N/A

Old Part Number	973503
Reference - Drawing Numbers	
Sales Drawing	SD-39970-004

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. ALL FEATURES ARE TYPICAL UNLESS OTHERWISE NOTED.
5. PART IS DESIGNED TO MEET UL 1059 CLASS C 300V, 40A.
6. "XX" REFERS TO NUMBER OF CIRCUITS.
7. ASSEMBLY IS ROHS COMPLIANT.

6	XX	SCREW, M4 X 0.7 SLOTTED	BRONZE	TIN PLATE
5	XX	TERMINAL	COPPER	TIN PLATE
4	XX	CAGE	BRASS	NICKEL PLATE
3	XX	SCREW, M4 X 0.7 POZI-SLOT	BRONZE	TIN PLATE
2	1	COVER	POLYESTER (PBT)	BLACK
1	1	BODY	POLYESTER (PBT)	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

UPDATE TERM.	HEIGHT DIM.
EC NO: WNA2009-0445	2009/07/01
DRWN: JENC INAS	2009/07/02
CHKD: CYORK	2009/07/02
APPR: JMAGNE IL	2009/07/02
REV	DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN	1:1	INCH	
DRAWN BY	DATE	TITLE	
R. STONE	2002/09/13		
CHECKED BY	DATE	10.16MM/.400 SINGLE ROW BTS ASSY, 8 AWG, 300V 40A	
R. KEMP	2002/09/13		
APPROVED BY	DATE	MOLEX INCORPORATED	
L. ROTHMAUS	2002/09/27		
MATERIAL NO.	DOCUMENT NO.	SD-39970-004	
SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	INCH	
10.16MM/.400 SINGLE ROW BTS ASSY, 8 AWG, 300V 40A		
MOLEX INCORPORATED		
DOCUMENT NO.	SD-39970-004	SHEET NO. 1 OF 2

10

1