

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399700107

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Power 60A, 7 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E48521

General

Product Family

Series

Application

Component Type

Product Name

Type

Terminal Blocks

39970

Wire-to-Board

One Piece

Eurostyle™ Fixed Mount

Euro Block

Physical

Circuits (Loaded)

Circuits (maximum)

Entry Angle

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Retention

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

Wire Size mm²

7

7

Horizontal

94V-0

None

Brass, Copper

Tin

Tin

1

Vertical

0.160 In

4.06 mm

None

No

0.400 In

10.16 mm

0.400 In

10.16 mm

150

3.8

150

3.8

N/A

Fully

No

No

130°C

Through Hole

10, 12, 14, 16, 18, 8

0.75 - 10.0

Electrical

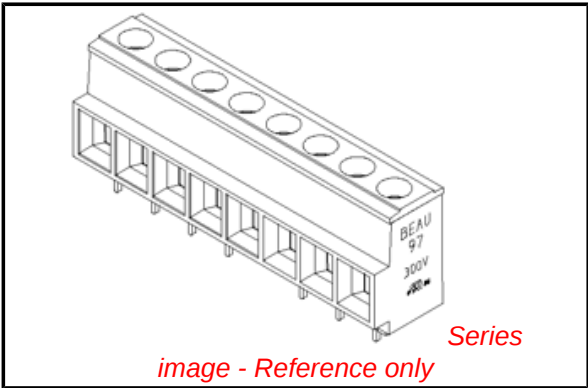
Current - Maximum per Contact

Voltage - Maximum

60A

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	970507
Reference - Drawing Numbers	
Sales Drawing	SD-39970-003

This document was generated on 04/27/2010

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F

E

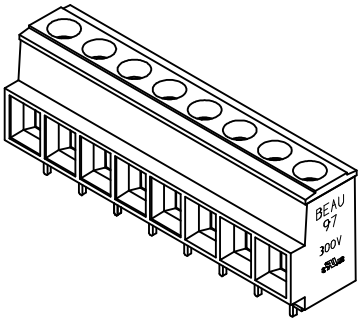
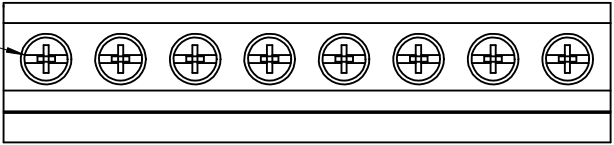
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C

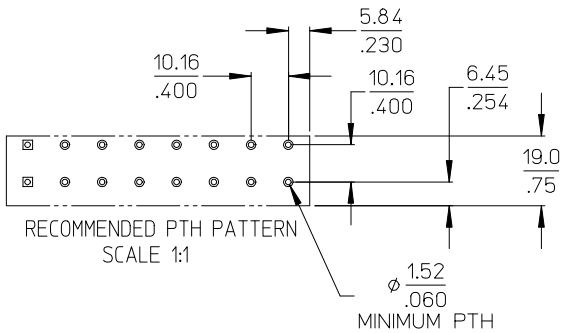
B

A

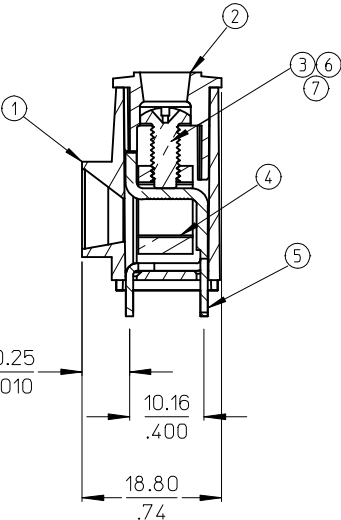
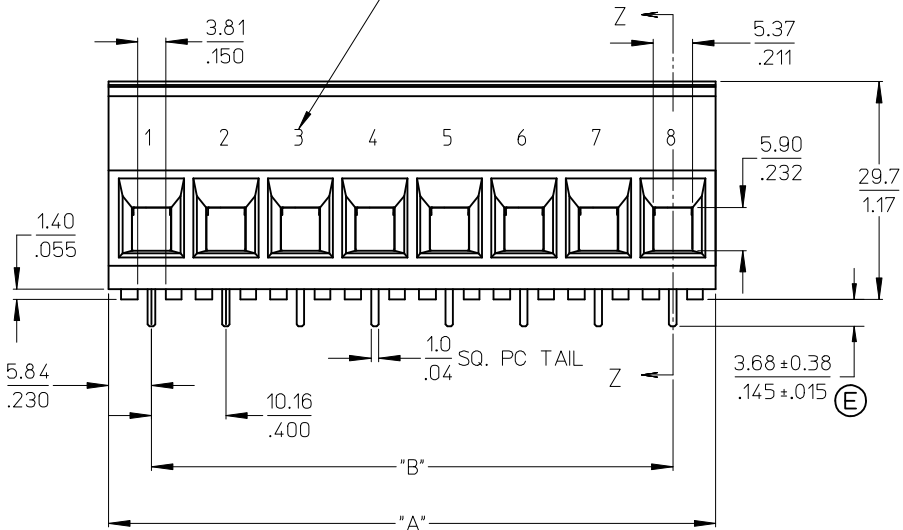
POZI SLOT SHOWN
SLOTTED SCREW OPTIONAL



OPTIONAL IMPRINTING, 3.2 (1/8),
10A SHOWN, 11A REVERSED



- NOTES:
1. MATERIAL: SEE TABLE.
 2. FINISHES: SEE TABLE.
 3. PRODUCT SPECIFICATION: NOT REQUIRED.
 4. PACKAGING: NOT REQUIRED.
 5. MATES WITH: NONE.
 6. ALL FEATURES ARE TYPICAL UNLESS OTHERWISE NOTED.
 7. PART IS DESIGNED TO MEET UL 1059 CLASS C 300V, 60A.
 8. "XX" REFERS TO NUMBER OF CIRCUITS.
 9. FOR OPTIONAL IMPRINTING REFER TO SD-38120-005
 10. ASSEMBLY IS ROHS COMPLIANT.



SECTION Z-Z

7	XX	SCREW, M4 X .07 POZI-SLOT (-56 OPT)	ST. STEEL	TIN PLATE	UPDATE TERM. HEIGHT DIM. EC NO: WNA2009-0445 DRWN: JENCINAS 2009/07/01 CHKD: CYORK 2009/07/02 APPR: JMACNEIL 2009/07/02	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .01</td></tr><tr><td>1 PLACE</td><td>± 0.3</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 2 °</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table>		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 MM/IN	SCALE 3:2	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	mm	INCH																														
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ANGULAR ± 2 °																																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																
6	XX	SCREW, M4 X 0.7 SLOTTED	BRONZE	TIN PLATE				DRAWN BY R. STONE	DATE 2002/09/13	TITLE 10.16MM/.400 SINGLE ROW BTS ASSY, 6 AWG, 300V 60A																						
5	XX	TERMINAL	COPPER	TIN PLATE	CHECKED BY	DATE																										
4	XX	CAGE	BRASS	NICKEL PLATE	R. KEMP	2002/09/13																										
3	XX	SCREW, M4 X .07 POZI-SLOT	BRONZE	TIN PLATE	APPROVED BY L. ROTHBAUS	DATE 2002/09/27	 MOLEX INCORPORATED																									
2	1	COVER	POLYESTER (PBT)	BLACK	MATERIAL NO.	DOCUMENT NO.	SHEET NO.																									
1	1	BODY	POLYESTER (PBT)	BLACK	SEE CHART SD-39970-003		1 OF 2																									
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																											

