

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399700110

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 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

39970

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

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)

4.06 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, 8

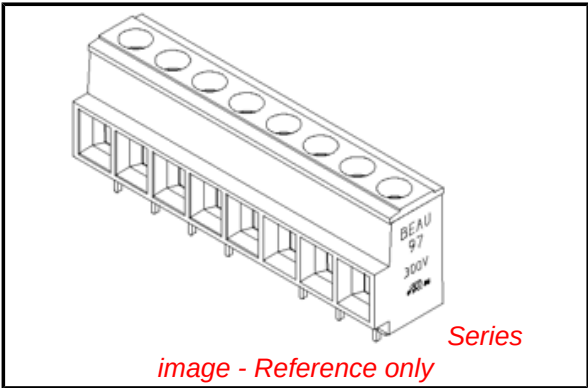
Wire Size mm²

0.75 - 10.0

Electrical

Current - Maximum per Contact

60A



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

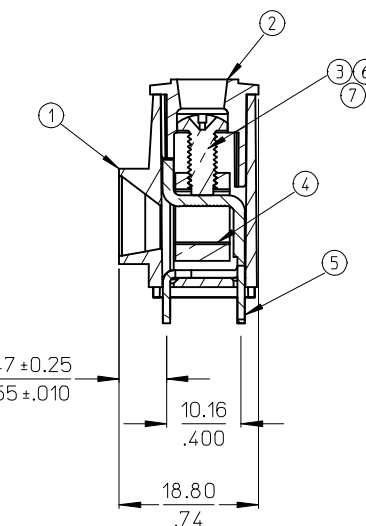
39970Series

Mates With

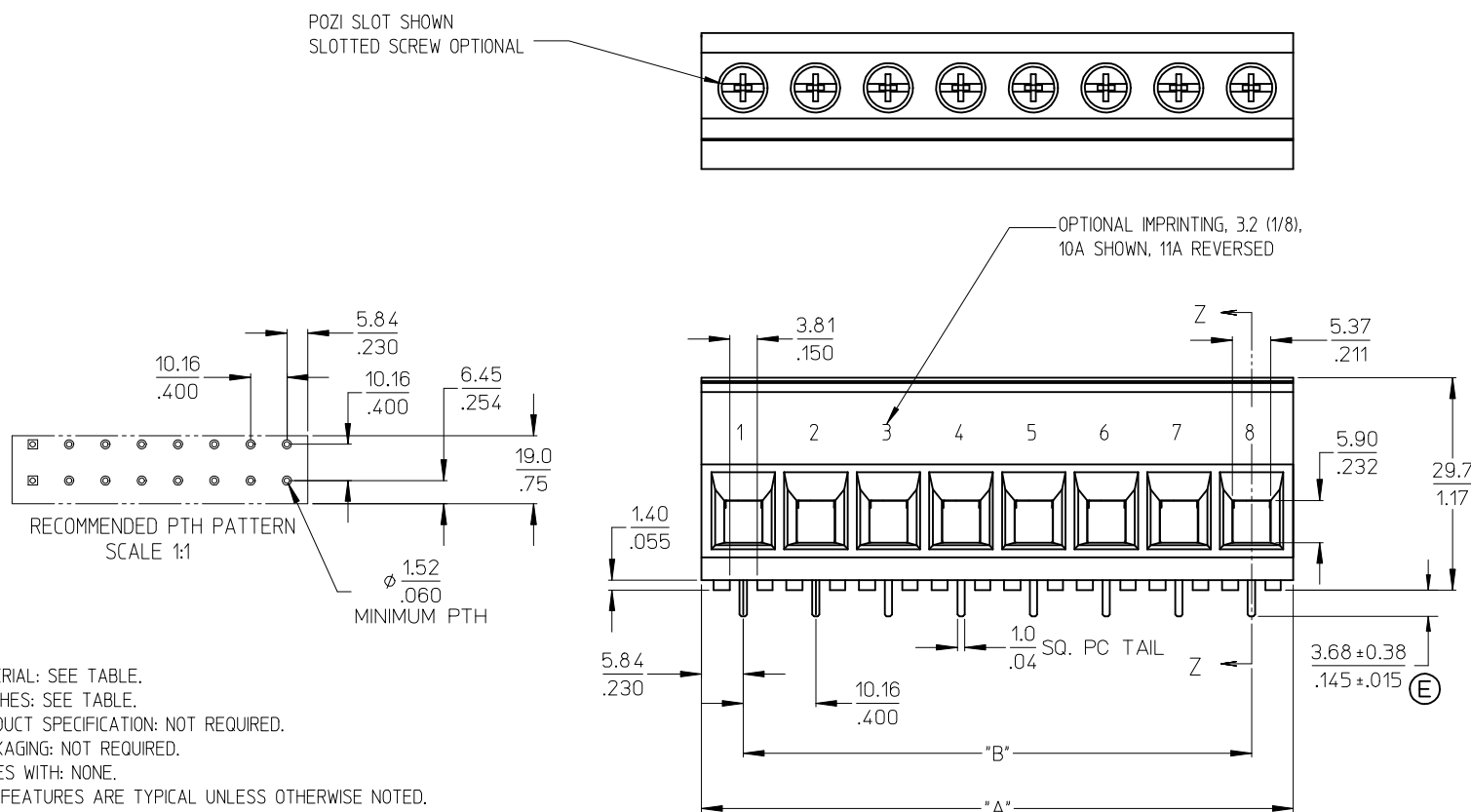
N/A

Voltage - Maximum	300V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Old Part Number	970510
Reference - Drawing Numbers	
Sales Drawing	SD-39970-003

This document was generated on 04/27/2010
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SECTION Z-Z



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.

7	XX	SCREW, M4 X .07 POZI-SLOT (-56 OPT)	ST. STEEL	TIN PLATE	UPDATE TERM. HEIGHT DIM. EC NO: WNA2009-0245 DRWN: JENCINAS CHKD: CYORK APPR: JMACNEIL 2009/07/01 2009/07/02 2009/07/02 DESCRIPTION	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></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.3	± ---	ANGULAR ± 2 °			DIMENSION STYLE MM/IN	SCALE 3:2	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
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1 PLACE	± 0.3	± ---																											
ANGULAR ± 2 °																													
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 .07 POZI-SLOT	BRONZE	TIN PLATE																									
2	1	COVER	POLYESTER (PBT)	BLACK																									
1	1	BODY	POLYESTER (PBT)	BLACK																									
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	DIMENSION STYLE MM/IN	SCALE 3:2	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																	
								DRAWN BY DATE	TITLE 10.16MM/.400 SINGLE ROW BTS ASSY, 6 AWG, 300V 60A																				
								CHECKED BY DATE																					
								APPROVED BY DATE																					
								L. ROTHSAUS 2002/09/27	MOLEX		MOLEX INCORPORATED																		
								MATERIAL NO.	DOCUMENT NO.		SHEET NO.																		
								SEE CHART		SD-39970-003		1 OF 2																	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

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1b_frame_B_P_ME_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1																																																																																																																																												

SEE SHEET ONE

EC NO: WNA2009-0445

DRWN: JENC INAS 2009/07/01

CHKD: CYORK 2009/07/02

APPR: JMAGNE IL 2009/07/02

REV

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

MM/IN

DRAWN BY	DATE
R. STONE	2002/09/13
CHECKED BY	DATE
R. KEMP	2002/09/13
APPROVED BY	DATE
L. ROTHMAUS	2002/09/27

MATERIAL NO.

SIZE B

SCALE

3:2

TITLE

10.16MM/.400 SINGLE ROW
BTS ASSY, 6 AWG,
300V 60A

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-39970-003

SHEET NO.

2 OF 2

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