

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399700111

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Power 60A, 11 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

11

11

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

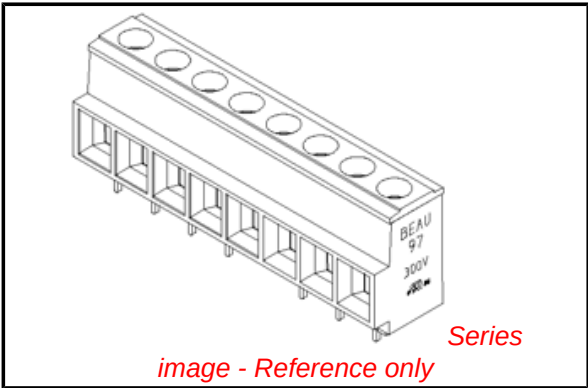
Current - Maximum per Contact

Voltage - Maximum

60A

300V

Solder Process Data



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

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

970511

Reference - Drawing Numbers

Sales Drawing

SD-39970-003

This document was generated on 04/27/2010

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F

E

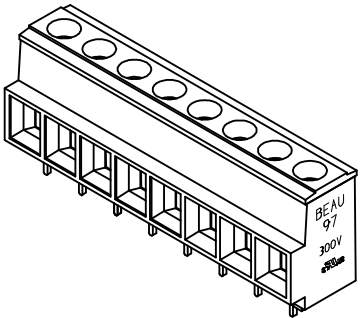
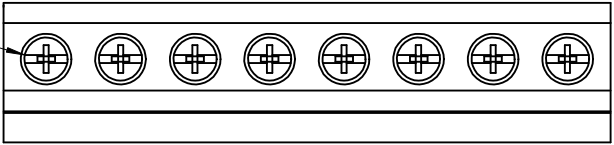
D

C

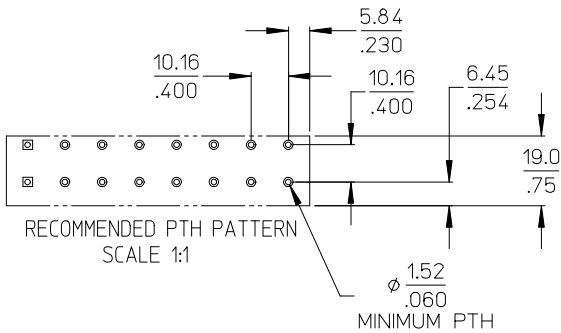
B

A

POZI SLOT SHOWN
SLOTTED SCREW OPTIONAL

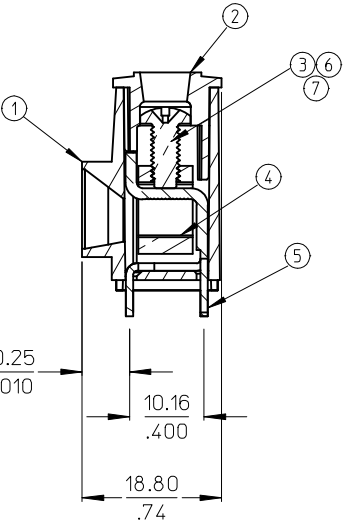
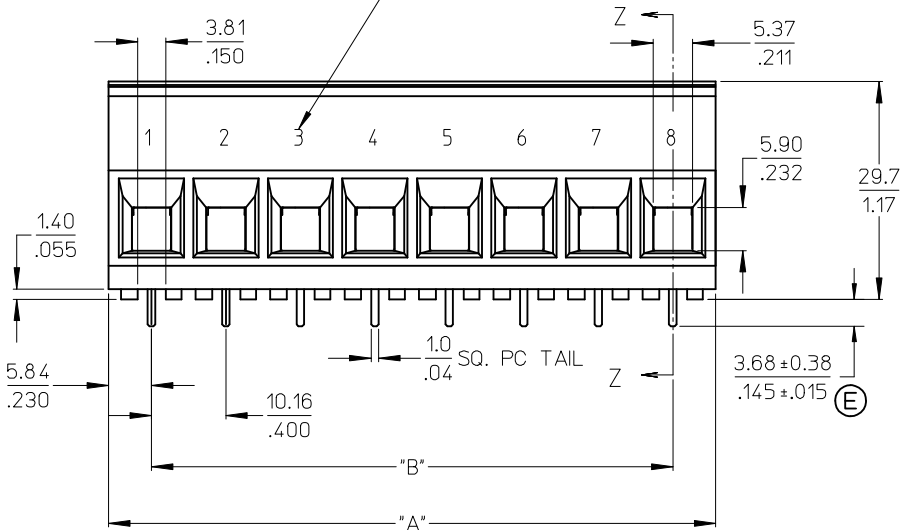


OPTIONAL IMPRINTING, 3.2 (1/8),
10A SHOWN, 11A REVERSED



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)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE	
6	XX	SCREW, M4 X 0.7 SLOTTED	BRONZE	TIN PLATE				MM/IN		3:2	INCH	PROJECTION	
5	XX	TERMINAL	COPPER	TIN PLATE				DRAWN BY DATE		TITLE 10.16MM/.400 SINGLE ROW BTS ASSY, 6 AWG, 300V 60A			
4	XX	CAGE	BRASS	NICKEL PLATE				CHECKED BY DATE					
3	XX	SCREW, M4 X .07 POZI-SLOT	BRONZE	TIN PLATE				R. KEMP 2002/09/13					
2	1	COVER	POLYESTER (PBT)	BLACK				APPROVED BY DATE					
1	1	BODY	POLYESTER (PBT)	BLACK				L. ROTHBAUS 2002/09/27		MOLEX MOLEX INCORPORATED			
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH				REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
							SIZE B	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						

10	9	8	7	6	5	4	3	2	39970																																																																																																																																												
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1b_frame_B_P_ME_T	9	8	7	6	5	4	3	2	1																																																																																																																																												
Rev. E 2006/04/15																																																																																																																																																					

SEE SHEET ONE

EC NO: WNA2009-0445

IT

DRWN: JENC INAS 2009/07/01

CHKD: CYORK 2009/07/02

APPR: JMAGNE IL 2009/07/02

REV

QUALITY SYMBOLS

=0

=0

DESCRIPTION

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.

SEE CHART

SIZE

B

SCALE

3:2

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

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

MOLEX INCORPORATED

DOCUMENT NO.

SD-39970-003

SHEET NO.

2 OF 2

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