

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399700102

Status:

Active

Description:

10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Power 60A, 2 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

MolexKits

Yes

Product Name

Eurostyle™ Fixed Mount

Type

Euro Block

Physical

Circuits (Loaded)

2

Circuits (maximum)

2

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, 8

Wire Size mm²

0.75 - 10.0

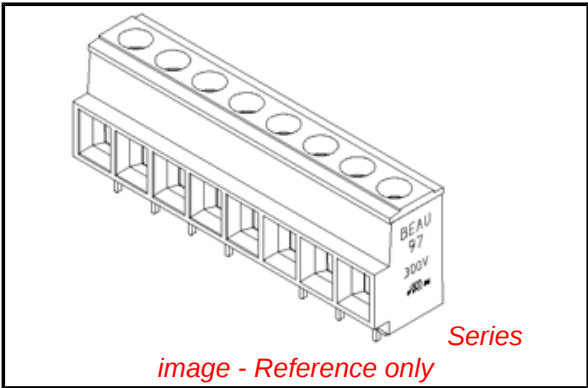
Electrical

Current - Maximum per Contact

60A

Voltage - Maximum

300V



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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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Material Info

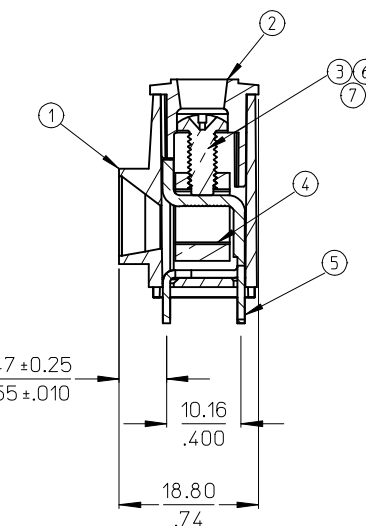
Old Part Number	970502
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Reference - Drawing Numbers

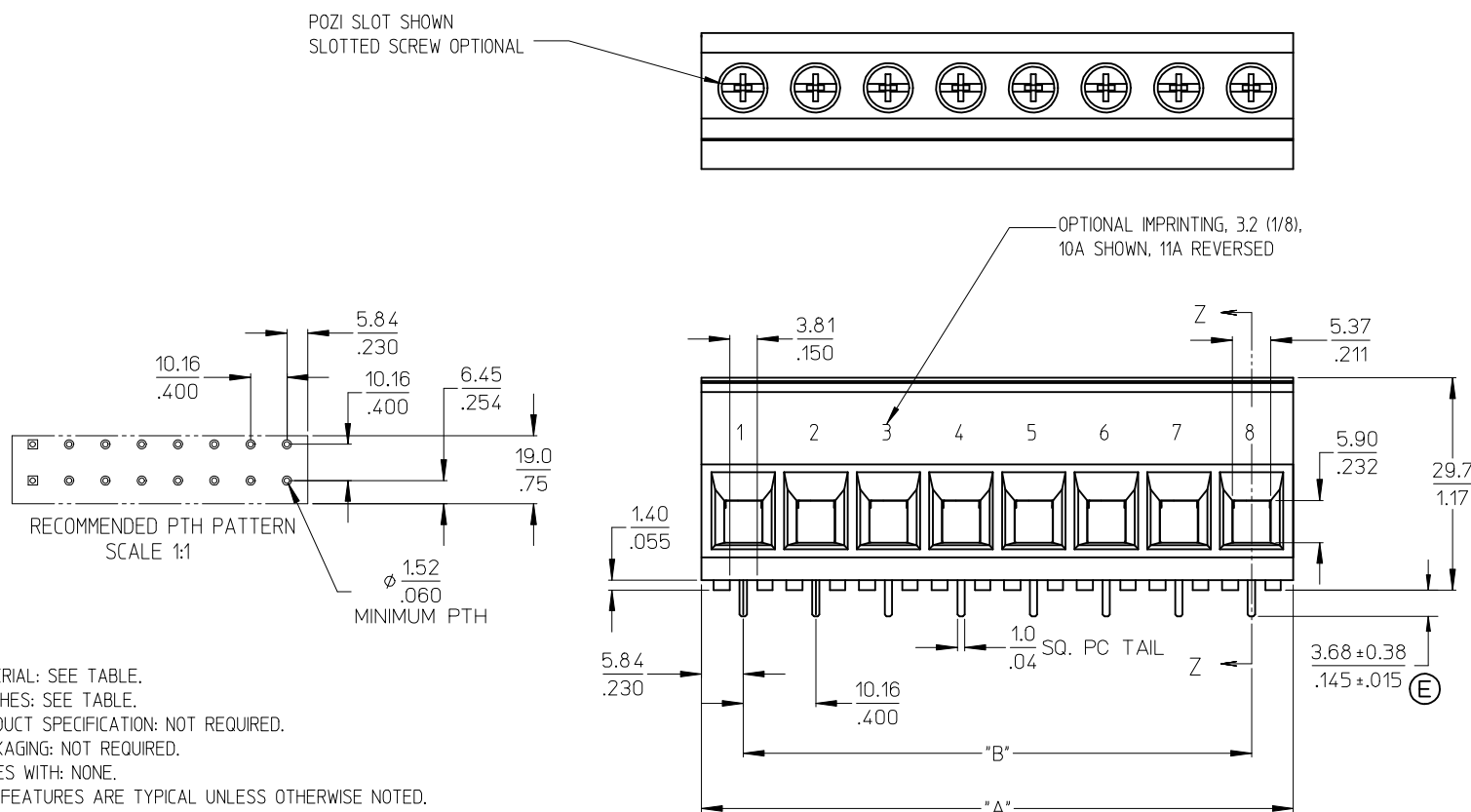
Sales Drawing	SD-39970-003
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This document was generated on 06/07/2010

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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: WNA2009-0445 DRWN: ENCINAS CHKD: CYORK APPR: JMACNEIL 2009/07/01 2009/07/02 2009/07/02	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. ROTHHAUS 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 MOLEX INCORPORATED DOCUMENT NO. SD-39970-003 SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
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							

	10	9	8	7	6	5	4	3	2	39970
F										
E										
D										
C										
B										
A										

STD MATERIAL NUMBER	OPTIONAL 10A IMPRINT	OPTIONAL 11A IMPRINT	OPTIONAL SS SCREW (OPT. -.56)	OPTIONAL SLOTTED SCREW	OPTIONAL SLOTTED SCREW W/10A IMPRINT	OPTIONAL SLOTTED SCREW W/11A IMPRINT	NUMBER OF CIRCUITS	"A" DIM.	"B" DIM.
399700102	399720102	399730102	399700602	399700402	399720402	399730402	2	21.84 [.86]	10.16 [.400]
399700103	399720103	399730103	399700603	399700403	399720403	399730403	3	32.00 [1.26]	20.32 [.800]
399700104	399720104	399730104	399700604	399700404	399720404	399730404	4	42.16 [1.66]	30.48 [1.200]
399700105	399720105	399730105	399700605	399700405	399720405	399730405	5	52.32 [2.06]	40.64 [1.600]
399700106	399720106	399730106	399700606	399700406	399720406	399730406	6	62.48 [2.46]	50.80 [2.000]
399700107	399720107	399730107	399700607	399700407	399720407	399730407	7	72.64 [2.86]	60.96 [2.400]
399700108	399720108	399730108	399700608	399700408	399720408	399730408	8	82.80 [3.26]	71.12 [2.800]
399700109	399720109	399730109	399700609	399700409	399720409	399730409	9	92.96 [3.66]	81.28 [3.200]
399700110	399720110	399730110	399700610	399700410	399720410	399730410	10	103.12 [4.06]	91.44 [3.600]
399700111	399720111	399730111	399700611	399700411	399720411	399730411	11	113.28 [4.46]	101.60 [4.000]
399700112	399720112	399730112	399700612	399700412	399720412	399730412	12	123.44 [4.86]	111.76 [4.400]
399700113	399720113	399730113	399700613	399700413	399720413	399730413	13	133.60 [5.26]	121.92 [4.800]
399700114	399720114	399730114	399700614	399700414	399720414	399730414	14	143.76 [5.66]	132.08 [5.200]

SEE SHEET ONE EC NO: WNA2009-0445 DRAWN: JENC INAS 2009/07/01 CHKD: CYORK 2009/07/02 APPR: JMACNEIL 2009/07/02	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 3:2	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				4 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE R. STONE 2002/09/13	TITLE 10.16MM/.400 SINGLE ROW BTS ASSY, 6 AWG, 300V 60A			
				3 PLACES ± --- ± .005		CHECKED BY DATE R. KEMP 2002/09/13				
				2 PLACES ± 0.13 ± .01		APPROVED BY DATE L. ROTHMAUS 2002/09/27	MOLEX INCORPORATED			
				1 PLACE ± 0.3 ± ---		MATERIAL NO.				DOCUMENT NO.
				ANGULAR ± 2 °		SEE CHART		SD-39970-003		2 OF 2
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

1b_frame_B_P_ME_T
Rev. E 2006/04/15

9	8	7	6	5	4	3	2	1
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