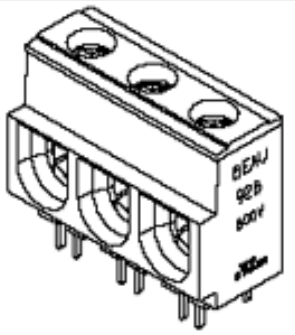
This document was generated on 04/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0399200307

Status: Active

Description: 15.00mm (.591") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 115.0A, 7 Circuits



Series image - Reference only

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

Agency Certification

UL	E48521

General

Product Family	Terminal Blocks
Series	39920
Application	Wire-to-Board
Component Type	One Piece
Product Literature Order No	USA-199
Product Name	Eurostyle™Fixed Mount
Type	Euro Block

Physical

Circuits (Loaded)	7
Color - Resin	Black
Entry Angle	Horizontal
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.250 In
PC Tail Length (mm)	6.35 mm
PCB Retention	Yes
Panel Mount	No
Pitch - Mating Interface (in)	0.591 In
Pitch - Mating Interface (mm)	15.00 mm
Pitch - Term. Interface (in)	0.591 In
Pitch - Term. Interface (mm)	15.00 mm
Plating min: Mating (µin)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	130°C
Termination Interface: Style	Through Hole
Wire Size AWG	1, 2, 3, 4, 6, 8
Wire Size mm²	10.0 - 35

Electrical

Current - Maximum per Contact	11A

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
39920Series

Mates With
N/A

Voltage - Maximum	600V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Old Part Number	92B0507

Reference - Drawing Numbers

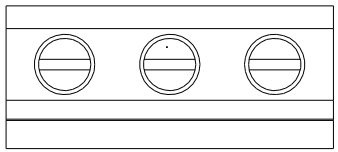
Sales Drawing	SD-39920-006

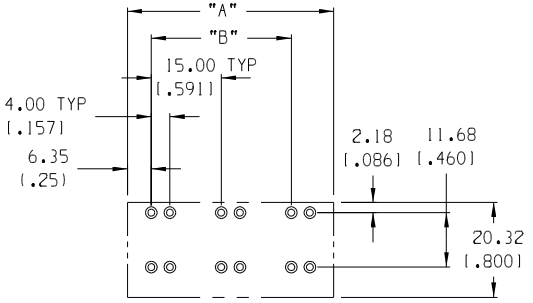
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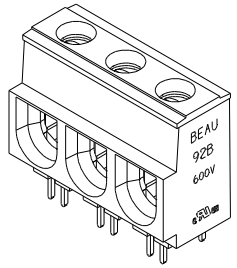
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SD-39920-006

LENGTH TABLE				
MATERIAL NO. (STANDARD)	MATERIAL NO. (-56 OPT.)	NO. OF CIRCUITS	"B"	"A"
399200302	399200602	02	15.0 (.591)	32 (1.25)
399200303	399200603	03	30.0 (1.181)	47 (1.84)
399200304	399200604	04	45.0 (1.772)	62 (2.43)
399200305	399200605	05	60.0 (2.362)	77 (3.02)
399200306	399200606	06	75.0 (2.952)	92 (3.61)
399200307	399200607	07	90.0 (3.543)	107 (4.20)
399200308	399200608	08	105.0 (4.134)	122 (4.79)
399200309	399200609	09	120.0 (4.724)	137 (5.38)
399200310	399200610	10	135.0 (5.315)	152 (5.97)
399200311	399200611	11	150.0 (5.906)	167 (6.57)
399200312	399200612	12	165.0 (6.496)	182 (7.16)

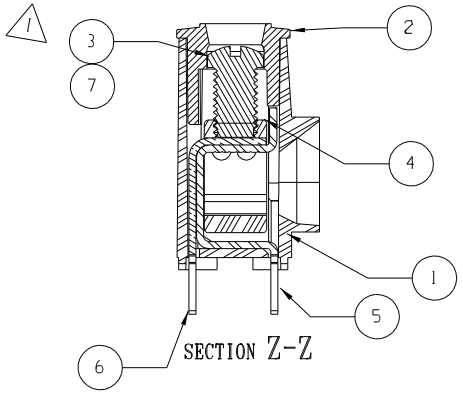


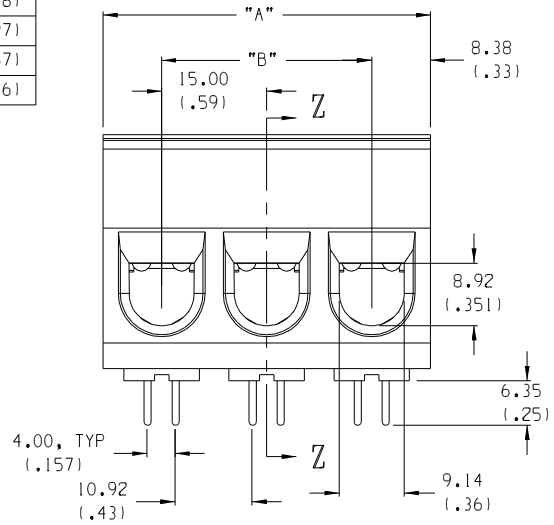


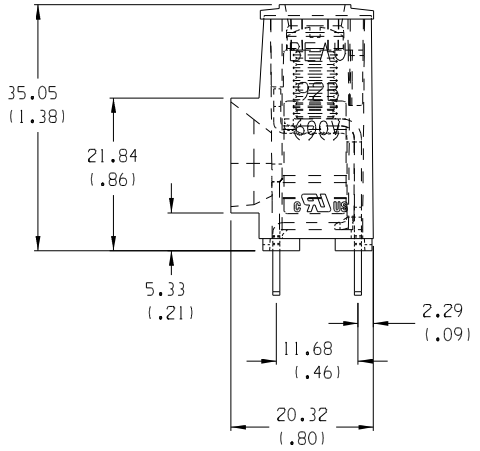


RECOMMENDED PTH PATTERN
ø1.52 (.060) MINIMUM FINISHED HOLE

SCALE 1:1







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. "XX" REFERS TO THE NUMBER OF CIRCUIT POSITIONS
8. DESIGNED TO MEET NEC & UL 1059 CLASS C 600 VOLTS
9. MULTIPLE TAIL DESIGN FOR LOWER PCB CURRENT DENSITIES
10. PROVEN PRESSURE CLAMP STYLE CONNECTION
11. AVAILABLE IN VARIOUS LENGTHS
12. WINDOW ACCEPTS 133/23 STRANDED #2 AWG, #3 AWG AND 19 STRAND #1 AWG

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	"XX"	SCREW, 1/4-28, SLOTTED, ST. STEEL	STAINLESS STEEL	TIN
6	"XX"	OUTER TERMINAL	COPPER	TIN
5	"XX"	INNER TERMINAL	COPPER	TIN
4	"XX"	CAGE	BRASS	NICKEL
3	"XX"	SCREW, 1/4-28, SLOTTED, BRONZE	BRONZE	TIN
2	1	COVER	THERMOPLASTIC	BLACK
1	1	BODY	THERMOPLASTIC	BLACK

/1

EC NO. ECN# 4261
DRWN: CY 10-7-05
CH'K:
APPR:
DESCRIPTION
REV
1

QUALITY SYMBOLS
MAJOR
CRITICAL (C)

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES		±.0015
3 PLACES	±.038	±.005
2 PLACES	±.13	±.01
1 PLACE	±.3	
ANGULAR:	±2°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 1.5:1
DESIGN UNITS ☐ mm ☒ INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm/INCH ☐ INCH/mm ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE AMP 4/11/02
CHECKED BY & DATE GHR 6/11/02
APPROVED BY & DATE L.ROTHAUS 6/11/02
CAD FILENAME 92B05XX
MATERIAL NO. SEE CHART
DRAWING NO. SD-39920-006
SHEET NO. 1 OF 1

TITLE: SR, BTS, #1-#8 AWG, 600V

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SIZE B