

This document was generated on 04/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399200304

Status:

Active

Description:

15.00mm (.591") Beau™ Eurostyle™, Fixed Mount PCB Terminal Block, High Voltage, High Power 115.0A, 4 Circuits

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (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)

4

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

115A

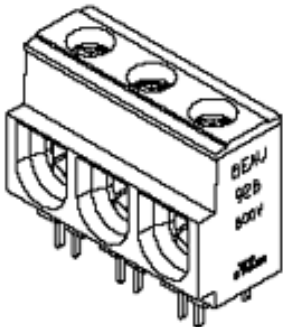


image - Reference only

Series

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

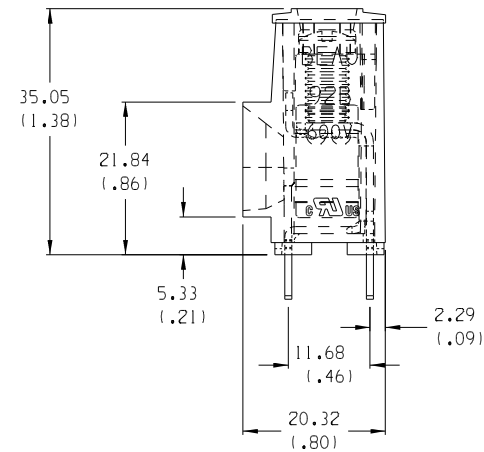
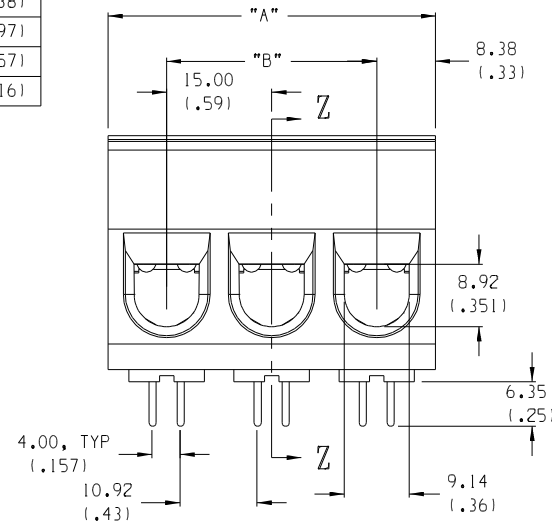
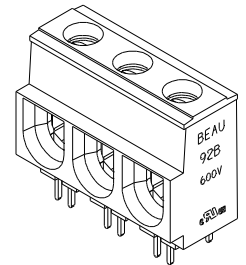
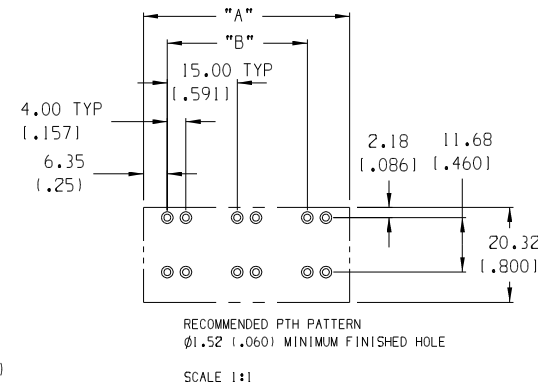
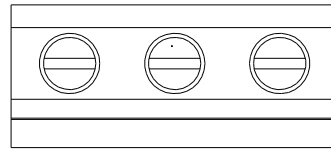
Voltage - Maximum	600V	www.Datasheet4u.com
Solder Process Data		
Lead-free Process Capability	Wave Capable (TH only)	
Material Info		
Old Part Number	92B0504	
Reference - Drawing Numbers		
Sales Drawing	SD-39920-006	

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LENGTH TABLE

	MATERIAL NO. (STANDARD)	MATERIAL NO. (-56 OPT.)	NO. OF CIRCUITS	"B"	"A"
F	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)
E	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)



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. "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

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

ECN# 4261
CY 10-7-05

QUALITY
SYMBOLS

MAJOR
CRITICAL
C

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.0015	
3 PLACES	±.0038	±.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

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

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

SIZE
B

DIMENSIONS:
☒ mm ☐ INCH ☐ mm ONLY

SHT REV
REVISE ON
CAD ONLY