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Part Number:

0399600112

Status:

Active

Description:

8.00mm (.315") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, High Voltage 12 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Terminal Blocks
Series	39960
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)	12
Circuits (maximum)	12
Color - Resin	Black
Entry Angle	Horizontal
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
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)	0.315 In
Pitch - Mating Interface (mm)	8.00 mm
Pitch - Term. Interface (in)	0.315 In
Pitch - Term. Interface (mm)	8.00 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	N/A
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	130°C
Wire Size AWG	10, 12, 14, 16, 18, 20, 22
Wire Size mm²	0.50 - 4.00

Electrical	
Current - Maximum per Contact	30A
Voltage - Maximum	600V
Material Info	
Old Part Number	960512

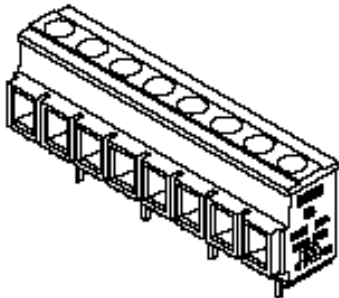


image - Reference only

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

39960Series

Mates With

N/A

Reference - Drawing Numbers

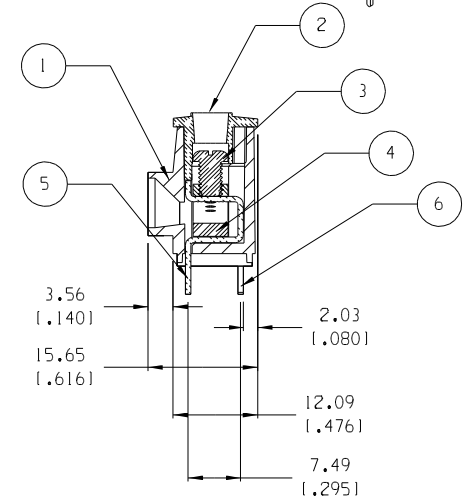
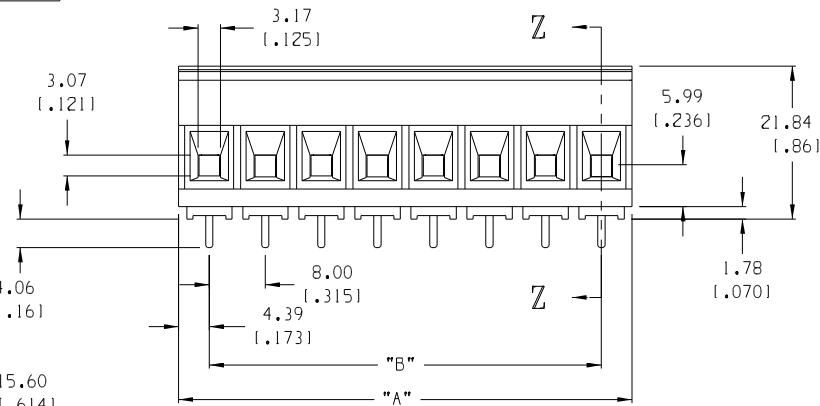
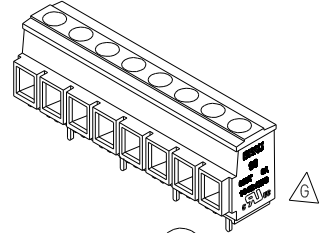
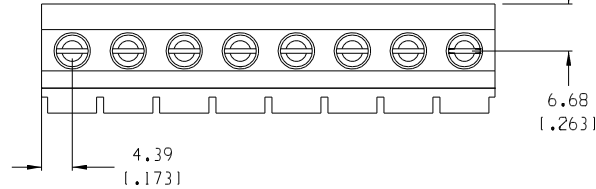
Sales Drawing

SD-39960-002

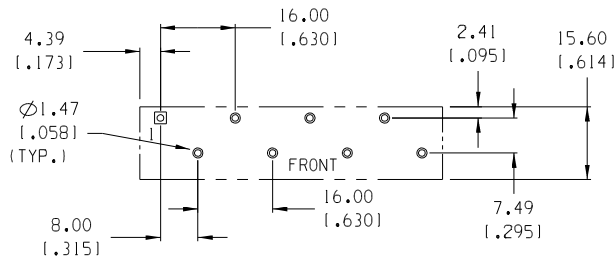
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MATERIAL NO.	NUMBER OF CIRCUITS "XX"	DIM. "A"	DIM. "B"
39960-0103	03	24.9 [1.98]	16.00 [1.630]
39960-0104	04	32.9 [1.30]	24.00 [1.945]
39960-0105	05	40.9 [1.61]	32.00 [1.260]
39960-0106	06	48.9 [1.93]	40.00 [1.575]
39960-0107	07	56.9 [2.24]	48.00 [1.890]
39960-0108	08	64.9 [2.56]	56.00 [2.205]
39960-0109	09	72.9 [2.87]	64.00 [2.520]
39960-0110	10	80.9 [3.19]	72.00 [2.835]
39960-0111	11	88.9 [3.50]	80.00 [3.150]
39960-0112	12	96.9 [3.82]	88.00 [3.465]



SECTION Z-Z



PTH PATTERN

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. ALL CREEP DISTANCES FOR UL 1059, CLASS C, 600V GENERAL INDUSTRIAL.
7. FOR USE WITH #22-#10 AWG SOLID AND STRANDED WIRES.
8. TORQUE RATING IS 7 IN.-LB.
9. "XX" REFERS TO THE NUMBER OF CIRCUITS.

6	XX/2	REAR TERMINAL	BRASS	TIN
5	XX/2	FRONT TERMINAL	BRASS	TIN
4	XX	CAGE	BRASS	NICKEL
3	XX	SCREW, M3.5 X 0.6	BRONZE	TIN
2	I	COVER	THERMOPLASTIC	BLACK
1	I	BODY	THERMOPLASTIC	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

EC NO. ECN 3920
DRAWN: JF 12-20-04
CHK'D:
APPR:

QUALITY
SYMBOLS
MAJOR
CRITICAL
C
DESCRIPTION
REV

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 3:2	DESIGN UNITS ☐ mm ☒ INCH
DRAWN BY & DATE GHR 3-19-02	
CHECKED BY & DATE A. PLAZA 6-18-02	
APPROVED BY & DATE L. ROTHBAUS 6-18-02	
CAD FILENAME 9605-XX	

THIRD ANGLE PROJECTION	TITLE: SR BTS, PKT, #10 AWG, ASSY 600V, 30A
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DIMENSIONS:		SHT	REV
☒ mm	☐ INCH		
☐ mm	☐ INCH		
☐ mm	☐ INCH		
REVISE ON CAD ONLY			



MOLEX INCORPORATED

MATERIAL NO. SEE CHART	DRAWING NO. SD-39960-002	SHEET NO. 1 OF 1
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SIZE
B

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

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