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Part Number: [0395073012](#)
Status: **Active**
Description: 3.50mm (.138") Pitch Eurostyle™ Vertical Plug, with Retention Screws, Front Wire Entry, 12 Circuits

Documents:

[3D Model](#) [Product Specification PS-39500-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Terminal Blocks
Series	39507
Application	Wire-to-Board
Comments	Front Wire Entry
Component Type	Plug
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	12
Entry Angle	Horizontal
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
Panel Mount	No
Pitch - Mating Interface (in)	0.138 In
Pitch - Mating Interface (mm)	3.50 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	16, 18, 20, 22, 24
Wire Size mm²	0.20 - 1.31

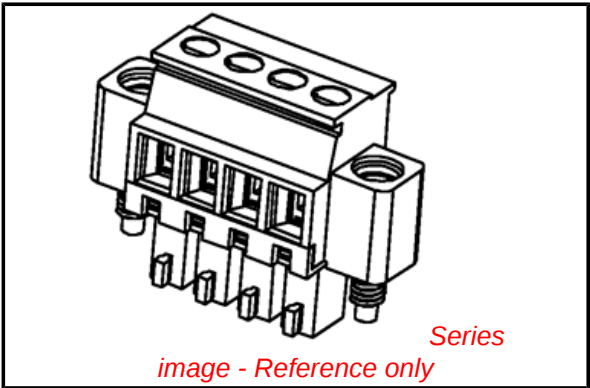
Electrical

Current - Maximum per Contact	8A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Product Specification	PS-39500-001
Sales Drawing	SD-39507-001



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.

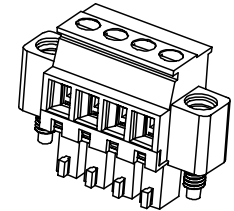
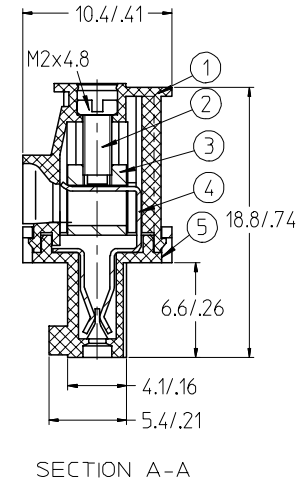
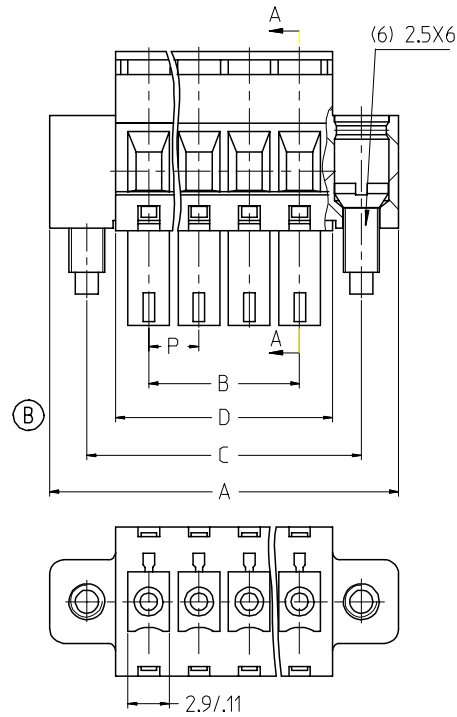
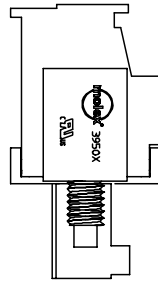
Search Parts in this Series

[39507Series](#)

Mates With

Most 3.50mm (.138") Pitch Industry
Standard PCB Headers, [39505](#) Vertical
PCB Header with Threaded Retention
Inserts, [39506](#) Horizontal PCB Header with
Threaded Retention Inserts

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SPECIFICATIONS:

1. Material:

(1). Body: PA66 (UL94,V-0).

(2). Screw: Steel

(3). Block: Brass.

(4). Contact: Brass

(5). Cover: PA66 (UL94,V-0).

2. Wire range: 16-24 AWG

3. Max torque: 2.0 lbf.in.

4. Electrical rating: 300V, 8A.

5. Wire strip length: 6.5mm.

6. Operating temperature: -40 °C to +105 °C.

7. Insulation resistance: DC 500V, 500 Megohms

8. Dielectric withstand: AC 2500V for 1 minute

9. Breakdown voltage: 4000V

10. Contact resistance: <10 milliohms.

11. A = B + 13.80

12. B = (N-1) X P

13. C = B + 8.60

14. D = B + 4.60

15. P (PITCH) = 3.50MM (.138 inch)

16. N = Number of positions available 2 through 20.

17. ALL COMPONENTS ARE ROHS COMPLIANT.

REV	DESCRIPTION	DATE	BY	CHKD	APPD
B	EDIT TITLE	2007/06/21	DRW:CLYORK	CHKD:IMACNEIL	APPD:IMACNEIL
	EC NO: ETC2007-0459	2007/06/22			

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± .0015
3 PLACES	± 0.038	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN	3:1	INCH	
DRAWN BY	DATE	TITLE	
EHILE	2006/03/17		
CHECKED BY	DATE	MOLEX INCORPORATED	
EHILE	2006/03/17		
APPROVED BY	DATE	DOCUMENT NO.	
RDEROSS	2006/03/17		
MATERIAL NO.	SEE CHART	SD-39507-001	
SIZE	B		

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