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Part Number: [0395173005](#)
Status: **Active**
Description: 3.81mm (.150") Pitch Eurostyle™ Vertical Plug, with Retention Screws, Front Wire Entry, 5 Circuits

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

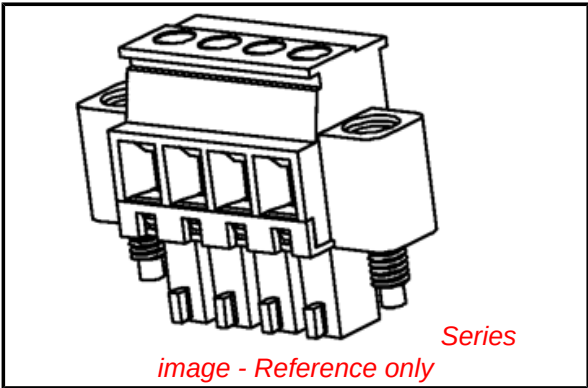
General	
Product Family	Terminal Blocks
Series	39517
Application	Wire-to-Board
Comments	Front Wire Entry
Component Type	Plug
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™Pluggable
Type	Euro Block

Physical	
Circuits (Loaded)	5
Entry Angle	Horizontal
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
Panel Mount	No
Pitch - Mating Interface (in)	0.150 In
Pitch - Mating Interface (mm)	3.81 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	16, 18, 20, 22, 24, 26, 28, 30
Wire Size mm²	0.05 - 1.31

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

Material Info

Reference - Drawing Numbers	
Product Specification	PS-39500-001
Sales Drawing	SD-39517-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

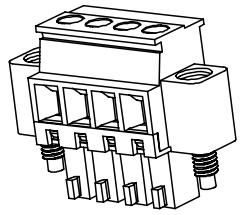
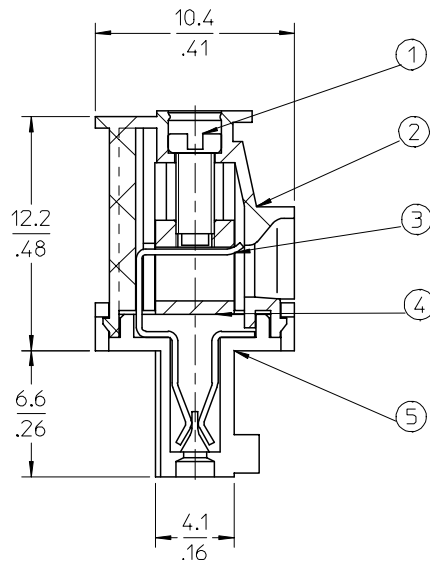
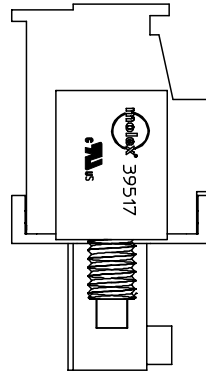
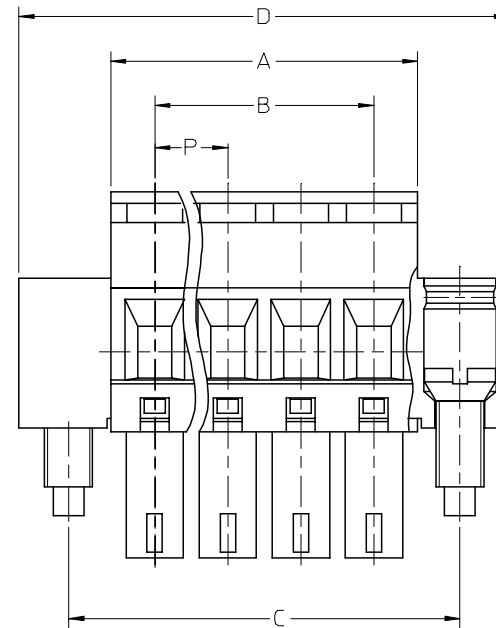
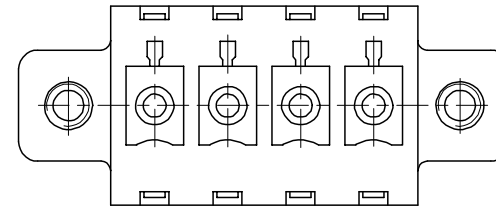
China RoHS

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
[39517Series](#)

Mates With
Most 3.81mm (.150") Pitch Industry Standard PCB Headers, [39515](#) Vertical PCB Header with Threaded Retention Inserts, [39516](#) Horizontal PCB Header with Threaded Retention Inserts

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SPECIFICATIONS:

1. Material:

- (1). Screw: STEEL.
- (2). Body: PA66
- (3). Terminal: Brass
- (4). Cage: Brass
- (5). Cover: PA66

2. Wire range: 30 - 16AWG.

3. Electrical rating: 300V, 8A.

4. MAX TORQUE: 3 in-lbs.

5. Wire strip length: 5.00mm.

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

7. $A = (N \times P) + .79\text{mm}$.8. $B = (n - 1) \times P$ 9. $C = B + 9.0\text{mm}$ 10. $D = A + 9.6$ 11. $P = (\text{Pitch}) = 3.81\text{mm} (.150")$

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

(B) 13. ASSEMBLY IS ROHS COMPLIANT.

EDIT TITLE EC NO: ETC2007-0459 DRAWN BY: C. YORK CHKD: J. MACNEIL APPR: J. MACNEIL B	2007/06/21 2007/06/22 2007/06/25	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY LROTHAUS	DATE 2005/12/06	TITLE 3.81MM, EURO TERM BLOCK VERT, PLUG, FRONT WIRE ENTRY, MOUNTING ENDS		
				4 PLACES	± ---	± .0015	CHECKED BY C. YORK	DATE 2006/01/06	MOLEX INCORPORATED		
				3 PLACES	± 0.038	± .005	APPROVED BY J. PAWLICKI	DATE 2006/01/10			
				2 PLACES	± 0.13	± .01	DOCUMENT NO. SD-39517-001				
				1 PLACE	± 0.3	± ---	SHEET NO. 1 OF 2				
				ANGULAR ± 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			

