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Part Number: [0395232012](#)
Status: **Active**
Description: 5.00mm (.197") Pitch Eurostyle™ Vertical Plug, Rear Wire Entry, 12 Circuits

Documents:

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

General

Product Family	Terminal Blocks
Series	39523
Application	Wire-to-Board
Comments	Rear 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)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	12, 14, 16, 18, 20, 22, 24, 26
Wire Size mm²	0.13 - 3.31

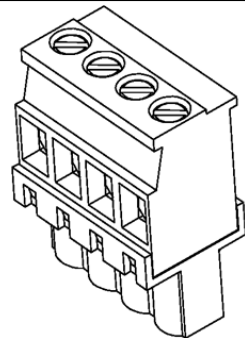
Electrical

Current - Maximum per Contact	15A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Product Specification	PS-39500-001
Sales Drawing	SD-39523-002



*Series
image - Reference only*

EU RoHS

**RoHS Compliant by
Exemption**

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.

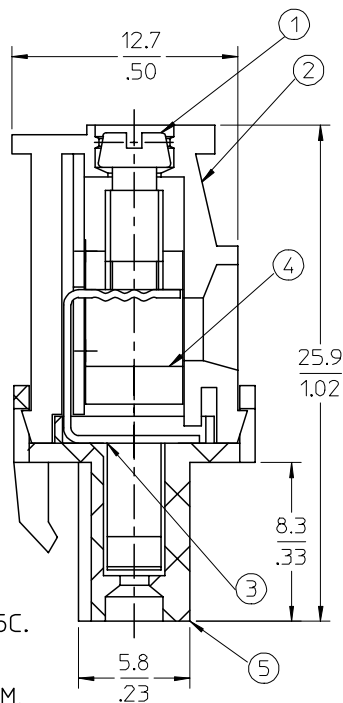
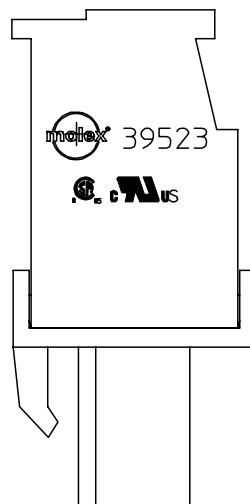
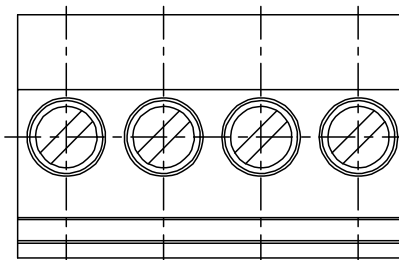
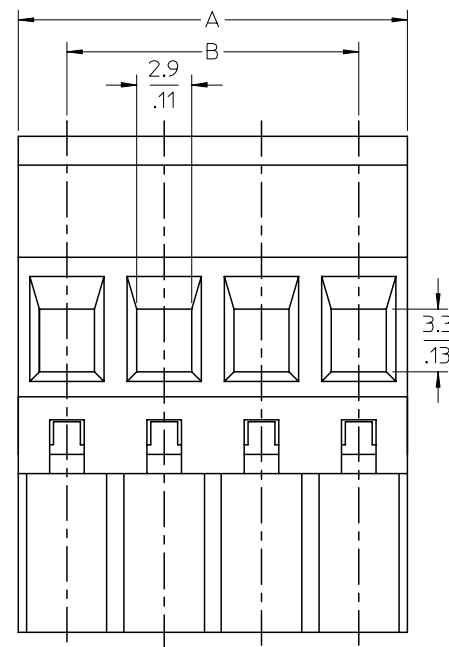
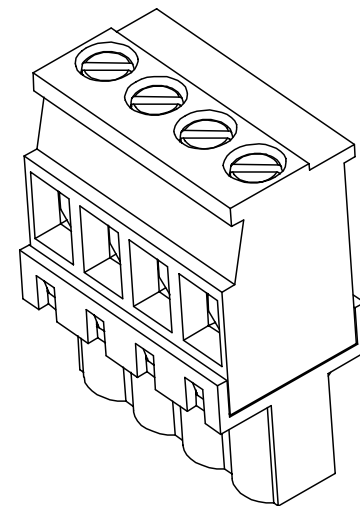
Search Parts in this Series

[39523Series](#)

Mates With

[39521](#) Vertical PCB Header, [39522](#)
Horizontal PCB Header, Most 5.00mm
(.197") Pitch Industry Standard PCB
Headers, [39528](#) Dual Level PCB Header,
Open Ends

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SPECIFICATIONS:

1. Material:

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

2. Wire range: 12 - 26 AWG

3. Electrical rating: 300V, 15A.

4. Wire strip length: 5.0mm.

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

6. Max torque: 5 In Lbs.

7. Insulation resistance: DC 500V, 500M.

8. Dielectric withstand: AC 2500V for 1 minute.

9. Breakdown voltage: 4000V.

10. Contact resistance: <10 mW.

11. A = (N x P)

12. B = (N - 1) x P

13. P (PITCH) = 5.0mm (.197").

14. N = Number of positions available 2 through 24.

ENTER DESCRIPTION	EC NO: NEO2006-0310	2006/01/09	DRWNL:ROTHAUS	2006/01/09	CHKD:C.YORK	2006/01/09	APPR:JPAM/ICK	2006/01/10
DESCRIPTION	REV	A						

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	4:1	INCH	
DRAWN BY	DATE	TITLE	
LROTHAUS	12/6/05	5.0MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY	
CHECKED BY	DATE		
C. YORK	01/06/06		
APPROVED BY	DATE	MOLEX INCORPORATED	
MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
SEE CHART	SD-39523-002	1 OF 1	

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SEE SHEET 1 EC NO: NE02006-0310 DRAWN: L. ROTHHAUS CHK'D: C. YORK APPR: J. PAULICK	2006/01/09 2006/01/09 2006/01/10 2006/01/10	DESCRIPTION A	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
						MM/IN	4:1	INCH			
				▼=0 ▽=0	mm INCH	DRAWN BY DATE	TITLE				
				4 PLACES ± --- ± .0015	LROTHAUS 12/6/05	5.0MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY					
				3 PLACES ± 0.038 ± .005	CHECKED BY DATE						
				2 PLACES ± 0.13 ± .01	C. YORK 01/06/06						
				1 PLACE ± 0.3 ± ---	APPROVED BY DATE						
				ANGULAR ± 2 °				MOLEX MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
						SEE CHART	SD-39523-002	2 OF 2			
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								