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**Part Number:** [0395172006](#)  
**Status:** **Active**  
**Description:** 3.81mm (.150") Pitch Eurostyle™ Vertical Plug, with Retention Screws, Rear Wire Entry, 6 Circuits

**Documents:**

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

**General**

|                             |                          |
|-----------------------------|--------------------------|
| Product Family              | Terminal Blocks          |
| Series                      | <a href="#">39517</a>    |
| 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)             | 6                              |
| 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                    |

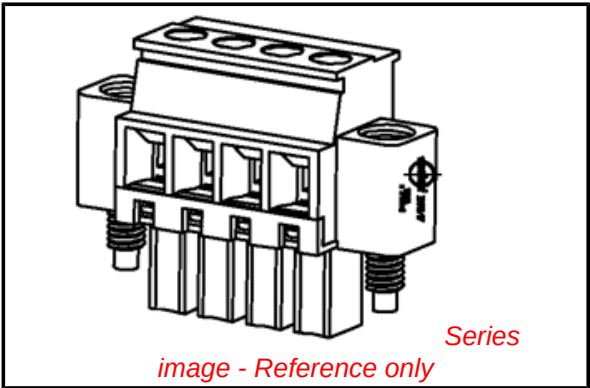
**Electrical**

|                   |      |
|-------------------|------|
| Current - Maximum | 8A   |
| Voltage - Maximum | 300V |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-39500-001 |
| Sales Drawing         | SD-39517-002 |



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed  
**Halogen-Free  
Status**

**Not Reviewed**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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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39517

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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.

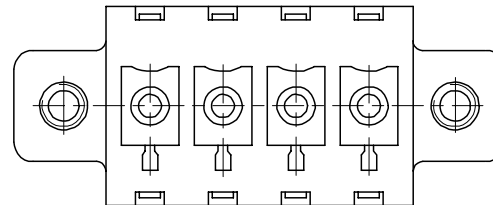
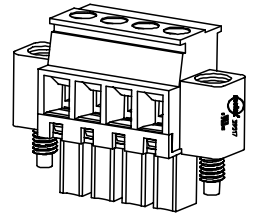
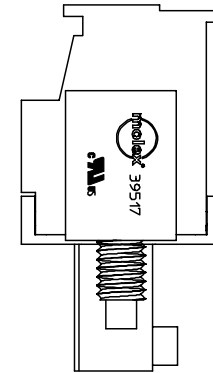
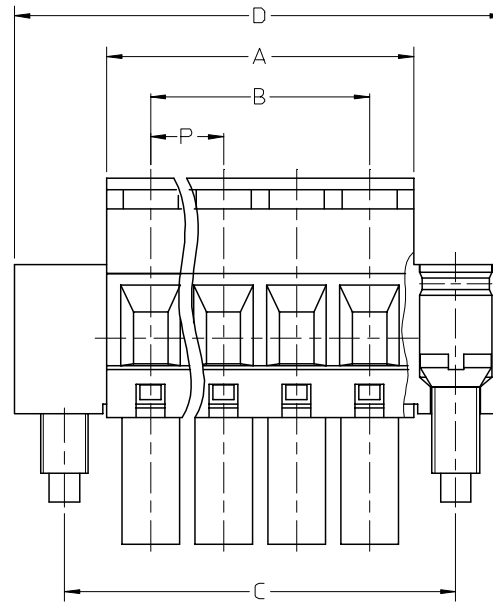
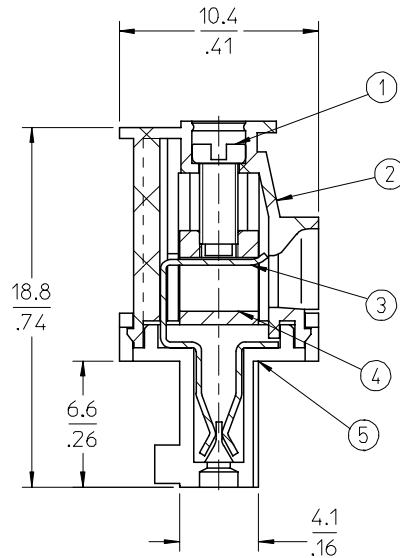
5. Wire strip length: 5.00mm.

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.  $D = A + 9.6\text{mm}$ .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<br>EC NO: ETC2007-0459<br>DRWN: CLYORK 2007/06/21<br>CHKD: JMACNEIL 2007/06/22<br>APPR: JMACNEIL 2007/06/25 | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                      | DIMENSION STYLE<br>MM/IN |                            | SCALE<br>4:1                                                                                                                  | DESIGN UNITS<br>INCH                                                                           | THIRD ANGLE PROJECTION |  |  |  |  |
|                                                                                                                        |                                                  |                                       | mm                                                   | INCH                     | DRAWN BY<br>LROTHAUS       | DATE<br>2005/12/06                                                                                                            | TITLE<br><div>Ⓟ</div> 3.81MM, EURO TERM BLOCK<br>VERT. PLUG, REAR WIRE<br>ENTRY, MOUNTING ENDS |                        |  |  |  |  |
|                                                                                                                        |                                                  | 4 PLACES                              | ± ---                                                | ± .0015                  | CHECKED BY<br>C. YORK      | DATE<br>2006/01/06                                                                                                            |                                                                                                |                        |  |  |  |  |
|                                                                                                                        |                                                  | 3 PLACES                              | ± 0.038                                              | ± .005                   | APPROVED BY<br>J. PAWLICKI | DATE<br>2006/01/10                                                                                                            |                                                                                                |                        |  |  |  |  |
|                                                                                                                        |                                                  | 2 PLACES                              | ± 0.13                                               | ± .01                    | MATERIAL NO.<br>SEE SHT. 2 |                                                                                                                               | DOCUMENT NO.<br>SD-39517-002                                                                   | SHEET NO.<br>1 OF 2    |  |  |  |  |
| 1 PLACE                                                                                                                | ± 0.3                                            | ± ---                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                          | MOLEX INCORPORATED         |                                                                                                                               |                                                                                                |                        |  |  |  |  |
|                                                                                                                        |                                                  | ANGULAR ± 2 °                         |                                                      |                          |                            |                                                                                                                               |                                                                                                |                        |  |  |  |  |
|                                                                                                                        |                                                  |                                       |                                                      | SIZE<br>B                |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                |                        |  |  |  |  |

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