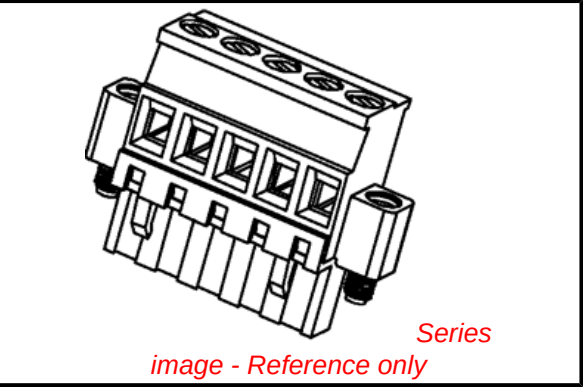


PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0395273012](#)  
**Status:** **Active**  
**Description:** 5.00mm (.197") Pitch Eurostyle™ Vertical Plug, with Retention Screws, Front Wire Entry, 12 Circuits



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

| General                     |                           |
|-----------------------------|---------------------------|
| Product Family              | Terminal Blocks           |
| Series                      | <a href="#">39527</a>     |
| 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                       |
| PC Tail Length (in)            | 0.197 In                       |
| PC Tail Length (mm)            | 5.00 mm                        |
| PCB Thickness Recommended (mm) | 5.00 mm                        |
| 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 | 10A  |
| Voltage - Maximum             | 300V |

**Material Info**

| Reference - Drawing Numbers |              |
|-----------------------------|--------------|
| Product Specification       | PS-39500-001 |
| Sales Drawing               | SD-39527-001 |

**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](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**  
[39527Series](#)

**Mates With**  
Most 5.00mm (.197") Pitch Industry Standard PCB Headers, [39525](#) Vertical PCB Header with Threaded Retention Inserts, [39526](#) Horizontal PCB Header with Threaded Retention Inserts

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

F

E

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F

E

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# SPECIFICATIONS

## 1. Material:

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

2. Wire range: 12 - 26AWG

3. Electrical rating: 300V, 10A.

4. Wire strip length: 5.0mm.

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

6. Max torque: 3 in-lbs.

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. DIM. A = ( N + 2)X P

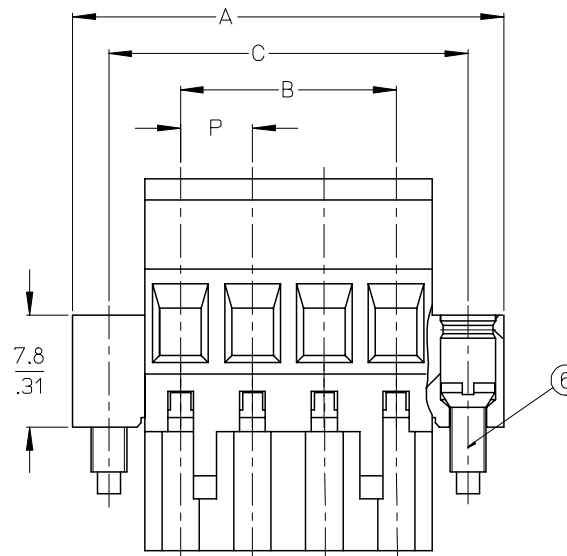
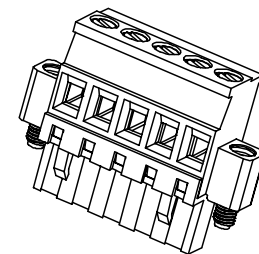
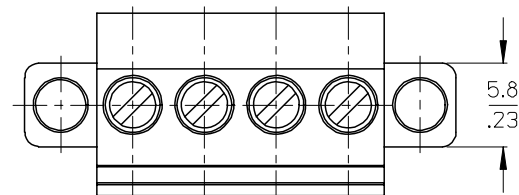
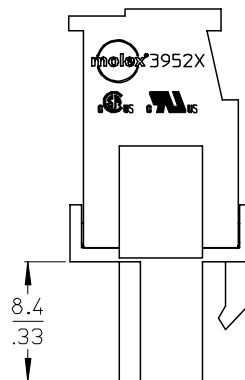
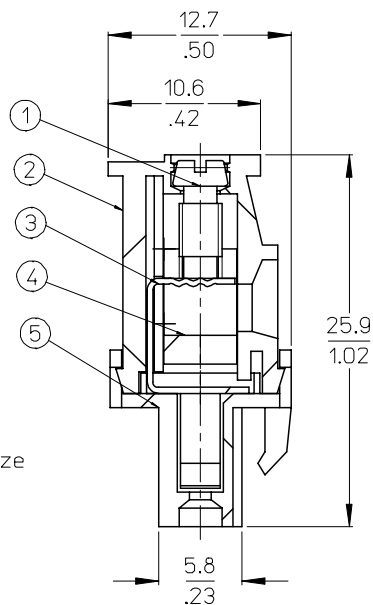
12. DIM. B = ( N - 1)X P

13. DIM. C = ( N + 1)X P

14. DIM. P (PITCH) = 5.00mm (.197")

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

16. ALL COMPONENTS ARE ROHS COMPLIANT.



|                                                                                                                         |                                      |             |                                                            |        |                                                                                                                                  |                    |                                                                                                         |                      |                           |  |  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|----------------------|---------------------------|--|--|
| RELEASE TO PROD<br>EC NO: ETC2006-0308<br>DRWN:CYRK 2006/03/23<br>CHKD:DEROSS 2006/03/24<br>APPR:DEROSS 2006/03/24<br>A | QUALITY<br>SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM/IN                                                                                                         |                    | SCALE<br>3:1                                                                                            | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                         |                                      |             | mm                                                         | INCH   | DRAWN BY<br>C. YORK                                                                                                              | DATE<br>2006/03/16 | TITLE<br>5.0MM, EURO PLUG,<br>VERTICAL, REAR WIRE<br>ENTRY WITH MOUNTING ENDS<br><br>MOLEX INCORPORATED |                      |                           |  |  |
|                                                                                                                         |                                      |             | 4 PLACES ± ---                                             | ±.0015 | CHECKED BY<br>R. DEROSS                                                                                                          | DATE<br>2006/03/16 |                                                                                                         |                      |                           |  |  |
|                                                                                                                         |                                      |             | 3 PLACES ± 0.038                                           | ±.005  | APPROVED BY<br>R. DEROSS                                                                                                         | DATE<br>2006/03/16 |                                                                                                         |                      |                           |  |  |
|                                                                                                                         |                                      |             | 2 PLACES ± 0.13                                            | ±.01   | MATERIAL NO.                                                                                                                     |                    |                                                                                                         |                      |                           |  |  |
|                                                                                                                         |                                      |             | 1 PLACE ± 0.3                                              | ± ---  | SEE SHT. 2                                                                                                                       |                    | SD-39527-001                                                                                            |                      | 1 OF 2                    |  |  |
|                                                                                                                         |                                      |             | ANGULAR ± 2 °                                              |        |                                                                                                                                  |                    |                                                                                                         |                      |                           |  |  |
|                                                                                                                         |                                      |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                                         |                      |                           |  |  |

