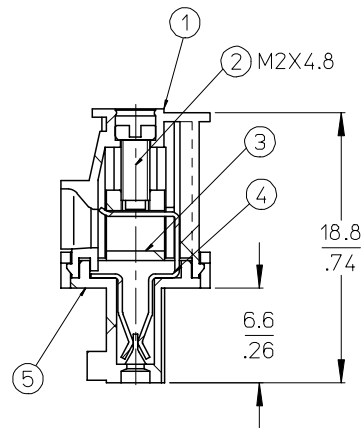
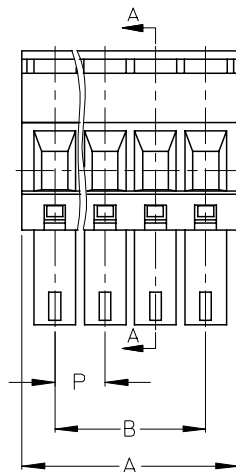
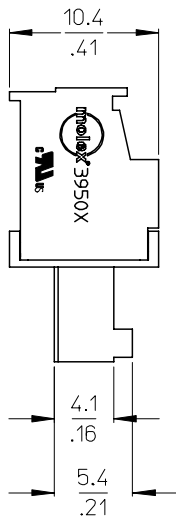


# SPECIFICATIONS

## 1. Material:

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

2. Wire range: 16 - 24AWG
3. Electrical rating: 300V, 8A.
4. Wire stip length: 6.5mm.
5. Operating temperature: -40°C to +105°C.
6. Max torque: 2 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 = B + 4.60
12. DIM. B = ( N - 1 ) X P
13. DIM. P (PITCH) = 3.50mm ( .138")
14. N = Number of positions available 2 through 20.
15. ALL COMPONENTS ARE ROHS COMPLIANT.

|                                                                                                                               |             |                                                                                                                                                                                    |                                       |         |                            |                                                            |                    |                                                                                                          |                                                                                                                 |                     |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------|----------------------------|------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------|
| RELEASE TO PROD<br>EC NO: ETC2006-0308<br>DRWN:CYRK 2006/03/23<br>CHKD:RDEROSS 2006/03/24<br>APPR:RDEROSS 2006/03/24<br>REV A | DESCRIPTION | QUALITY SYMBOLS                                                                                                                                                                    | GENERAL TOLERANCES (UNLESS SPECIFIED) |         | DIMENSION STYLE<br>MM/IN   |                                                            | SCALE<br>3:1       | DESIGN UNITS<br>INCH                                                                                     |  THIRD ANGLE<br>PROJECTION |                     |
|                                                                                                                               |             |  =0<br> =0 |                                       | mm      | INCH                       | DRAWN BY<br>C. YORK                                        | DATE<br>2006/03/17 | TITLE<br>3.5MM, EURO PLUG,<br>VERTICAL, REAR WIRE<br>ENTRY                                               |                                                                                                                 |                     |
|                                                                                                                               |             |                                                                                                                                                                                    | 4 PLACES                              | ± ---   | ±.0015                     | CHECKED BY<br>R. DEROSS                                    | DATE<br>2006/03/17 |                                                                                                          |                                                                                                                 |                     |
|                                                                                                                               |             |                                                                                                                                                                                    | 3 PLACES                              | ± 0.038 | ±.005                      | APPROVED BY<br>R. DEROSS                                   | DATE<br>2006/03/17 |  MOLEX INCORPORATED | DOCUMENT NO.<br>SD-39503-001                                                                                    | SHEET NO.<br>1 OF 2 |
|                                                                                                                               |             |                                                                                                                                                                                    | 2 PLACES                              | ± 0.13  | ±.01                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    |                                                                                                          |                                                                                                                 |                     |
| 1 PLACE                                                                                                                       | ± 0.3       | ± ---                                                                                                                                                                              |                                       |         | MATERIAL NO.<br>SEE SHT. 2 |                                                            |                    |                                                                                                          |                                                                                                                 |                     |
|                                                                                                                               |             |                                                                                                                                                                                    | ANGULAR ± 2 °                         |         |                            |                                                            |                    |                                                                                                          |                                                                                                                 |                     |

A1