

## Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)  
[0395278015](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# 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>DRAWN BY: YORKE<br>CHKD BY: DERROSS<br>APPRD BY: DERROSS<br>REV<br>A | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                   |         | DIMENSION STYLE<br>MM/IN   |             | SCALE<br>3:1                 | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION | TITLE<br><br>5.0MM. EURO PLUG,<br>VERTICAL, REAR WIRE<br>ENTRY WITH MOUNTING ENDS<br><br>MOLEX INCORPORATED |  |
|                                                                                                                |                                   |             |                                                                                                                                         | mm      | INCH                       | DRAWN BY    | DATE                         | TITLE                |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | 4 PLACES                                                                                                                                | ± .015  | ± .0015                    | C. YORK     | 2006/03/16                   |                      |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | 3 PLACES                                                                                                                                | ± 0.038 | ± .005                     | CHECKED BY  | DATE                         |                      |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | 2 PLACES                                                                                                                                | ± 0.13  | ± .01                      | R. DERROSS  | 2006/03/16                   |                      |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | 1 PLACE                                                                                                                                 | ± 0.3   | ± .01                      | APPROVED BY | DATE                         |                      |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | ANGULAR ± 2 °                                                                                                                           |         | R. DERROSS                 | 2006/03/16  |                              |                      |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                              |         | MATERIAL NO.<br>SEE SHT. 2 |             | DOCUMENT NO.<br>SD-39527-001 | SHEET NO.<br>1 OF 2  |                           |                                                                                                             |  |
|                                                                                                                |                                   |             | SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         |                            |             |                              |                      |                           |                                                                                                             |  |

| Description                                   | Circuit size | Material Numbers |           |                  |            |                  |           |                  |           |                  |            |           |           | Dimensional Information |      |       |      |       |      |
|-----------------------------------------------|--------------|------------------|-----------|------------------|------------|------------------|-----------|------------------|-----------|------------------|------------|-----------|-----------|-------------------------|------|-------|------|-------|------|
|                                               |              | Black            |           |                  |            |                  |           | Green            |           |                  |            |           |           |                         |      |       |      |       |      |
|                                               |              | 100% Tin         |           |                  | 30 u" Gold |                  |           | 100% Tin         |           |                  | 30 u" Gold |           |           |                         |      |       |      |       |      |
|                                               |              | Printing Options |           | Printing Options |            | Printing Options |           | Printing Options |           | Printing Options |            | Dim. A    |           | Dim B                   |      | Dim C |      |       |      |
|                                               |              | None             | 104V      | 114V             | None       | 104V             | 114V      | None             | 104V      | 114V             | None       | 104V      | 114V      | mm                      | inch | mm    | inch | mm    | inch |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 2            | 395273002        | 395273302 | 395273402        | 395273502  | 395273602        | 395273902 | 395278002        | 395278302 | 395278402        | 395278502  | 395278802 | 395278902 | 20.0                    | 0.79 | 5.0   | 0.20 | 15.0  | 0.59 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 3            | 395273003        | 395273303 | 395273403        | 395273503  | 395273603        | 395273903 | 395278003        | 395278303 | 395278403        | 395278503  | 395278803 | 395278903 | 25.0                    | 0.98 | 10.0  | 0.39 | 20.0  | 0.79 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 4            | 395273004        | 395273304 | 395273404        | 395273504  | 395273604        | 395273904 | 395278004        | 395278304 | 395278404        | 395278504  | 395278804 | 395278904 | 30.0                    | 1.18 | 15.0  | 0.59 | 25.0  | 0.98 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 5            | 395273005        | 395273305 | 395273405        | 395273505  | 395273605        | 395273905 | 395278005        | 395278305 | 395278405        | 395278505  | 395278805 | 395278905 | 35.0                    | 1.38 | 20.0  | 0.79 | 30.0  | 1.18 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 6            | 395273006        | 395273306 | 395273406        | 395273506  | 395273606        | 395273906 | 395278006        | 395278306 | 395278406        | 395278506  | 395278806 | 395278906 | 40.0                    | 1.58 | 25.0  | 0.98 | 35.0  | 1.38 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 7            | 395273007        | 395273307 | 395273407        | 395273507  | 395273607        | 395273907 | 395278007        | 395278307 | 395278407        | 395278507  | 395278807 | 395278907 | 45.0                    | 1.77 | 30.0  | 1.18 | 40.0  | 1.58 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 8            | 395273008        | 395273308 | 395273408        | 395273508  | 395273608        | 395273908 | 395278008        | 395278308 | 395278408        | 395278508  | 395278808 | 395278908 | 50.0                    | 1.97 | 35.0  | 1.38 | 45.0  | 1.77 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 9            | 395273009        | 395273309 | 395273409        | 395273509  | 395273609        | 395273909 | 395278009        | 395278309 | 395278409        | 395278509  | 395278809 | 395278909 | 55.0                    | 2.17 | 40.0  | 1.58 | 50.0  | 1.97 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 10           | 395273010        | 395273310 | 395273410        | 395273510  | 395273610        | 395273910 | 395278010        | 395278310 | 395278410        | 395278510  | 395278810 | 395278910 | 60.0                    | 2.36 | 45.0  | 1.77 | 55.0  | 2.17 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 11           | 395273011        | 395273311 | 395273411        | 395273511  | 395273611        | 395273911 | 395278011        | 395278311 | 395278411        | 395278511  | 395278811 | 395278911 | 65.0                    | 2.56 | 50.0  | 1.97 | 60.0  | 2.36 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 12           | 395273012        | 395273312 | 395273412        | 395273512  | 395273612        | 395273912 | 395278012        | 395278312 | 395278412        | 395278512  | 395278812 | 395278912 | 70.0                    | 2.76 | 55.0  | 2.17 | 65.0  | 2.56 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 13           | 395273013        | 395273313 | 395273413        | 395273513  | 395273613        | 395273913 | 395278013        | 395278313 | 395278413        | 395278513  | 395278813 | 395278913 | 75.0                    | 2.95 | 60.0  | 2.36 | 70.0  | 2.76 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 14           | 395273014        | 395273314 | 395273414        | 395273514  | 395273614        | 395273914 | 395278014        | 395278314 | 395278414        | 395278514  | 395278814 | 395278914 | 80.0                    | 3.15 | 65.0  | 2.56 | 75.0  | 2.95 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 15           | 395273015        | 395273315 | 395273415        | 395273515  | 395273615        | 395273915 | 395278015        | 395278315 | 395278415        | 395278515  | 395278815 | 395278915 | 85.0                    | 3.35 | 70.0  | 2.76 | 80.0  | 3.15 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 16           | 395273016        | 395273316 | 395273416        | 395273516  | 395273616        | 395273916 | 395278016        | 395278316 | 395278416        | 395278516  | 395278816 | 395278916 | 90.0                    | 3.54 | 75.0  | 2.95 | 85.0  | 3.35 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 17           | 395273017        | 395273317 | 395273417        | 395273517  | 395273617        | 395273917 | 395278017        | 395278317 | 395278417        | 395278517  | 395278817 | 395278917 | 95.0                    | 3.74 | 80.0  | 3.15 | 90.0  | 3.54 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 18           | 395273018        | 395273318 | 395273418        | 395273518  | 395273618        | 395273918 | 395278018        | 395278318 | 395278418        | 395278518  | 395278818 | 395278918 | 100.0                   | 3.94 | 85.0  | 3.35 | 95.0  | 3.74 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 19           | 395273019        | 395273319 | 395273419        | 395273519  | 395273619        | 395273919 | 395278019        | 395278319 | 395278419        | 395278519  | 395278819 | 395278919 | 105.0                   | 4.13 | 90.0  | 3.54 | 100.0 | 3.94 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 20           | 395273020        | 395273320 | 395273420        | 395273520  | 395273620        | 395273920 | 395278020        | 395278320 | 395278420        | 395278520  | 395278820 | 395278920 | 110.0                   | 4.33 | 95.0  | 3.74 | 105.0 | 4.13 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 21           | 395273021        | 395273321 | 395273421        | 395273521  | 395273621        | 395273921 | 395278021        | 395278321 | 395278421        | 395278521  | 395278821 | 395278921 | 115.0                   | 4.53 | 100.0 | 3.94 | 110.0 | 4.33 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 22           | 395273022        | 395273322 | 395273422        | 395273522  | 395273622        | 395273922 | 395278022        | 395278322 | 395278422        | 395278522  | 395278822 | 395278922 | 120.0                   | 4.72 | 105.0 | 4.13 | 115.0 | 4.53 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 23           | 395273023        | 395273323 | 395273423        | 395273523  | 395273623        | 395273923 | 395278023        | 395278323 | 395278423        | 395278523  | 395278823 | 395278923 | 125.0                   | 4.92 | 110.0 | 4.33 | 120.0 | 4.72 |
| 5.0mm, Euro Plug, Vertical RME, Mounting Ends | 24           | 395273024        | 395273324 | 395273424        | 395273524  | 395273624        | 395273924 | 395278024        | 395278324 | 395278424        | 395278524  | 395278824 | 395278924 | 130.0                   | 5.12 | 115.0 | 4.53 | 125.0 | 4.92 |

|                                                                                                                               |                                   |             |                                                            |         |                                                                                                                                         |            |                                                                                                             |              |                        |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| SEE SHEET 1<br>EC NO. ETC2006-0308<br>DRAWN BY: YORC 2006/03/12<br>CHKD BY: DEROSS 2006/03/12<br>APPR. DEROSS 2006/03/24<br>A | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         | DIMENSION STYLE                                                                                                                         |            | SCALE                                                                                                       | DESIGN UNITS | THIRD ANGLE PROJECTION |
|                                                                                                                               |                                   |             |                                                            |         | MM/IN                                                                                                                                   |            | 3:1                                                                                                         | INCH         |                        |
|                                                                                                                               |                                   |             |                                                            |         | DRAWN BY                                                                                                                                | DATE       | TITLE<br><br>5.0MM, EURO PLUG,<br>VERTICAL, REAR WIRE<br>ENTRY WITH MOUNTING ENDS<br><br>MOLEX INCORPORATED |              |                        |
|                                                                                                                               |                                   |             | 4 PLACES ± ---                                             | ± .0015 | C. YORK                                                                                                                                 | 2006/03/16 |                                                                                                             |              |                        |
|                                                                                                                               |                                   |             | 3 PLACES ± 0.038                                           | ± .005  | CHECKED BY                                                                                                                              | DATE       |                                                                                                             |              |                        |
|                                                                                                                               |                                   |             | 2 PLACES ± 0.1                                             | ± .01   | R. DEROSS                                                                                                                               | 2006/03/16 |                                                                                                             |              |                        |
|                                                                                                                               |                                   |             | 1 PLACE ± 0.3                                              | ± ---   | APPROVED BY                                                                                                                             | DATE       |                                                                                                             |              |                        |
|                                                                                                                               |                                   |             | ANGULAR ± 2 °                                              |         | R. DEROSS                                                                                                                               | 2006/03/16 | MATERIAL NO.                                                                                                | DOCUMENT NO. | SHEET NO.              |
|                                                                                                                               |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         | SEE CHART                                                                                                                               |            | SD-39527-001                                                                                                |              | 2 OF 2                 |
|                                                                                                                               |                                   |             |                                                            |         | SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                                                                                             |              |                        |
|                                                                                                                               |                                   |             |                                                            |         |                                                                                                                                         |            |                                                                                                             |              |                        |