

## Excellent Integrated System Limited

Stocking Distributor

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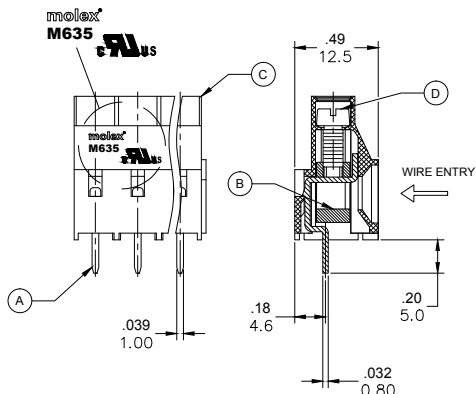
For any questions, you can email us directly:

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

**PART NUMBER DATA**

| CIRCUITS | PART NUMBER | ENGINEERING NUMBER | COLOR | A IN mm |      | B IN mm |       |
|----------|-------------|--------------------|-------|---------|------|---------|-------|
| 2        | 397410002   | M635-00-3-02-3     | GREEN | .50     | 12.7 | .250    | 6.35  |
| 3        | 397410003   | M635-00-3-03-3     | GREEN | .75     | 19.1 | .500    | 12.70 |

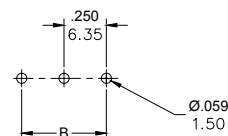
REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT



**ENGINEERING NUMBER LEGEND**

M635-00-3-XX-3  
 SERIES — STYLE — PITCH — POLES — COLOR

CONTACT FACTORY FOR OPTIONAL COLORS



PCB LAYOUT

**SPECIFICATIONS:**

**1. MATERIAL:**

- A. TERMINAL: BRASS TIN PLATED
- B. CAGE: BRASS NI PLATED
- C. BODY: PA66 UL94 V-0
- D. SCREW: M3, STEEL ZINC PLATED

**2. RATING: 300V, 30A**

**3. MAX TORQUE: 5.0 LBF. IN.**

**4. WIRE RANGE: 30-10 AWG**

**5. WIRE STRIP: .28 IN. (7.0mm)**

**6. DIELECTRIC VOLTAGE WITHSTAND: AC 2500V FOR 1 MINUTE.**

**7. INSULATION RESISTANCE: DC 500V, 500MΩ**

**8. RATED IMPULSE VOLTAGE: 4000V, PLUS AND MINUS 5 TIMES EACH**

**9. OPERATING TEMPERATURE: -40°C TO +105°C**

**10. MAX SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS**

**11. DIMS. SHOWN ARE FOR REFERENCE ONLY**

|                                                                                                                      |             |                                                  |                                                      |       |                 |            |                    |                          |                                   |        |
|----------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------|------------------------------------------------------|-------|-----------------|------------|--------------------|--------------------------|-----------------------------------|--------|
| RELEASED<br>EC NO. 1P/2014-1936<br>DRWN: RSTONE 2014/05/15<br>CHYD: G FARNSW<br>APPR: JF MURPHY 2014/10/16<br>REV: A | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>C=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       | DIMENSION STYLE |            | SCALE              | DESIGN UNITS             | <div>THIRD ANGLE PROJECTION</div> |        |
|                                                                                                                      |             |                                                  |                                                      | mm    | INCH            | IN/MM      |                    | ---                      |                                   | METRIC |
|                                                                                                                      |             |                                                  | 4 PLACES                                             | ±---  | ±---            | DRAWN BY   | DATE               | TITLE                    |                                   |        |
|                                                                                                                      |             |                                                  | 3 PLACES                                             | ±---  | ±.005           | RSTONE     | 2014/05/15         | EURO TERMINAL BLOCK      |                                   |        |
|                                                                                                                      |             |                                                  | 2 PLACES                                             | ±0.13 | ±.01            | CHECKED BY | DATE               | 6.35MM MODULAR, VERTICAL |                                   |        |
|                                                                                                                      |             |                                                  | 1 PLACE                                              | ±0.3  | ±---            | G FARNSW   | ---                | ---                      |                                   |        |
|                                                                                                                      |             |                                                  | ANGULAR ±---                                         |       | APPROVED BY     | DATE       | MOLEX INCORPORATED |                          |                                   |        |
|                                                                                                                      |             |                                                  |                                                      |       | JF MURPHY       | 2014/10/16 | MATERIAL NO.       |                          |                                   |        |
|                                                                                                                      |             |                                                  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       | SEE CHART       |            | DOCUMENT NO.       | SD-39741-001             |                                   |        |
|                                                                                                                      |             |                                                  |                                                      |       | SIZE            |            | SHEET NO.          |                          |                                   | 1 OF 1 |

|                                                                                                                               |  |
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| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
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