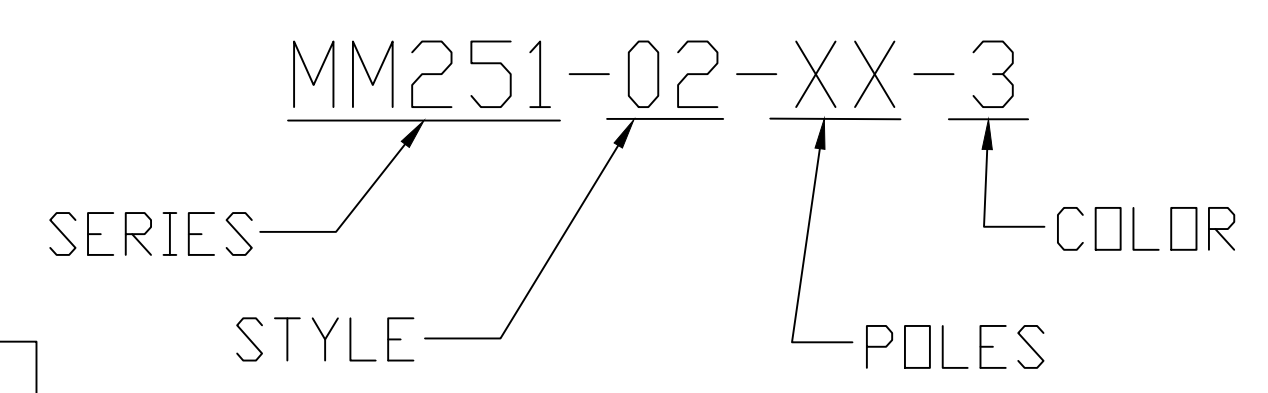


| PART NUMBER DATA |             |                    |       |         |      |         |       |
|------------------|-------------|--------------------|-------|---------|------|---------|-------|
| CIRCUITS         | PART NUMBER | ENGINEERING NUMBER | COLOR | A IN mm |      | B IN mm |       |
|                  |             |                    |       |         |      |         |       |
| 2                | 397400002   | M251-02-02-3       | GREEN | .30     | 7.6  | .150    | 3.81  |
| 3                | 397400003   | M251-02-03-3       | GREEN | .45     | 11.4 | .300    | 7.62  |
| 4                | 397400004   | M251-02-04-3       | GREEN | .60     | 15.2 | .450    | 11.43 |
| 5                | 397400005   | M251-02-05-3       | GREEN | .75     | 19.0 | .600    | 15.24 |
| 6                | 397400006   | M251-02-06-3       | GREEN | .90     | 22.9 | .750    | 19.05 |
| 7                | 397400007   | M251-02-07-3       | GREEN | 1.05    | 26.7 | .900    | 22.86 |
| 8                | 397400008   | M251-02-08-3       | GREEN | 1.20    | 30.5 | 1.050   | 26.67 |
| 9                | 397400009   | M251-02-09-3       | GREEN | 1.35    | 34.3 | 1.200   | 30.48 |
| 10               | 397400010   | M251-02-10-3       | GREEN | 1.50    | 38.1 | 1.350   | 34.29 |
| 11               | 397400011   | M251-02-11-3       | GREEN | 1.65    | 41.9 | 1.500   | 38.10 |
| 12               | 397400012   | M251-02-12-3       | GREEN | 1.80    | 45.7 | 1.650   | 41.91 |
| 13               |             | M251-02-13-3       | GREEN | 1.95    | 49.5 | 1.800   | 45.72 |
| 14               |             | M251-02-14-3       | GREEN | 2.10    | 53.3 | 1.950   | 49.53 |
| 15               |             | M251-02-15-3       | GREEN | 2.25    | 57.1 | 2.100   | 53.34 |
| 16               |             | M251-02-16-3       | GREEN | 2.40    | 61.0 | 2.250   | 57.15 |
| 17               |             | M251-02-17-3       | GREEN | 2.55    | 64.8 | 2.400   | 60.96 |
| 18               |             | M251-02-18-3       | GREEN | 2.70    | 68.6 | 2.550   | 64.77 |
| 19               |             | M251-02-19-3       | GREEN | 2.85    | 72.4 | 2.700   | 68.58 |
| 20               |             | M251-02-20-3       | GREEN | 3.00    | 76.2 | 2.850   | 72.39 |
| 21               |             | M251-02-21-3       | GREEN | 3.15    | 80.0 | 3.000   | 76.19 |
| 22               |             | M251-02-22-3       | GREEN | 3.30    | 83.8 | 3.150   | 80.00 |
| 23               |             | M251-02-23-3       | GREEN | 3.45    | 87.6 | 3.300   | 83.81 |
| 24               |             | M251-02-24-3       | GREEN | 3.60    | 91.4 | 3.450   | 87.62 |

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

ENGINEERING NUMBER LEGEND



CONTACT FACTORY FOR OPTIONAL COLORS

SPECIFICATIONS:

- MATERIAL:
  - A. TERMINAL: BRASS TIN PLATED
  - B. CAGE: BRASS NICKEL PLATED
  - C. BODY: PA66 UL94 V-0
  - D. SCREW: M2 STEEL ZINC PLATED
- RATING: 300V, 10A
- MAX TORQUE: 2.1 LB-IN.
- WIRE RANGE: 30-16 AWG
- WIRE STRIP: .18 IN (4.5mm)
- DIELECTRIC VOLTAGE WITHSTAND: AC 2000V FOR 1 MINUTE
- INSULATION RESISTANCE: DC 500V, 500MΩ
- RATED IMPULSE VOLTAGE: 4000V PLUS AND MINUS 5 TIMES EACH
- OPERATING TEMPERATURE: -40°C TO +105°C
- MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
- DIMS SHOWN ARE FOR REFERENCE ONLY

PCB LAYOUT

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|   |  |   |   |  |  |
|---|--|---|---|--|--|
| REVISED DOC TOL<br>EC NO.: ICG2017-0881<br>DRWN: ABENJAMI<br>CHKD: ---<br>APPR: BRUPERT 2014/10/16<br>DESCRIPTION | QUALITY SYMBOL<br>▽=0<br>▽=0                         | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±--- ±---<br>3 PLACES ±--- ±---<br>2 PLACES ±--- ±---<br>1 PLACE ±--- ±--- | DIMENSION STYLE IN/MM<br>DRAWN BY DATE<br>RSTONE 2014/05/08<br>CHECKED BY DATE<br>G FARNSW ---<br>APPROVED BY DATE<br>JFMURPHY 2014/10/16 | SCALE ---<br>DESIGN UNITS METRIC<br>THIRD ANGLE PROJECTION | EURO TERMINAL BLOCK<br>VERTICAL 3.81MM<br>MOLEX INCORPORATED<br>SD-39740-001<br>SHEET NO. 1 OF 1 |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART<br>SIZE C  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION             |  |  |

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