

SPECIFICATIONS

1. MATERIAL:
 - A. BODY: PA66, UL94 V-0
 - B. TERMINAL: BRASS, TIN PLATED
2. ELECTRICAL RATING: 15A AT 51-150V, 10A AT 151-300V
3. OPERATING TEMPERATURE: -40°C TO +105°C
4. DIELECTRIC VOLTAGE WITHSTAND: AC 2500V FOR 1 MINUTE.
5. INSULATION RESISTANCE: DC500V, 500MΩ
6. RATED IMPULSE VOLTAGE: 4000V, PLUS AND MINUS 5 TIMES EACH
7. MAX. SOLDERING TEMPERATURE: +260°C FOR 5 SEC.
8. MATES WITH TERMINAL PLUG SERIES: 39704
9. 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 |

| SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: INCH/MM SCALE: 4:1 GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± --- ± --- 3 PLACES ± --- ± SEE CHART 2 PLACES ± SEE CHART ± SEE CHART 1 PLACE ± SEE CHART ± --- 0 PLACES ± --- ± --- ANGULAR TOL ± --- DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: C-SIZE SERIES: 39724 | CURRENT REV DESC: ADDED BLACK PART NUMBER EC NO: 628063 DRWN: ABENJAMINLW 2019/11/25 CHK'D: DACHAMMER 2019/12/06 APPR: JFMURPHY 2019/12/12 INITIAL REVISION: DRWN: RSTONE 2014/01/30 APPR: JFMURPHY 2014/10/16 | <table border="1"> <tr> <th colspan="4">TOLERANCES</th> </tr> <tr> <th>MM</th> <th>TOL</th> <th>INCH</th> <th>TOL</th> </tr> <tr> <td>0-6</td> <td>±0.25</td> <td>0-.24</td> <td>±.010</td> </tr> <tr> <td>>6-30</td> <td>±0.40</td> <td>.24-1.18</td> <td>±.016</td> </tr> <tr> <td>>30-120</td> <td>±0.50</td> <td>1.18-4.76</td> <td>±.020</td> </tr> <tr> <td>>120</td> <td>±0.80</td> <td>>4.76</td> <td>±.031</td> </tr> </table> | 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 |
|---|---|---|---------------------|---------------------|--|-----------------|--------------|----------|----------------|--------------|--------|-------|-------|-------|-------|-------|----------|-------|---------|-------|-----------|-------|------|-------|-------|-------|
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| <p align="center">molex</p> <p align="center">7.62MM EURO HEADER VERTICAL, CLOSED END</p> <p align="center">PRODUCT CUSTOMER DRAWING</p> | | <table border="1"> <tr> <th>DOCUMENT NUMBER</th> <th>DOC TYPE</th> <th>DOC PART</th> <th>REVISION</th> </tr> <tr> <td>SD-39724-001</td> <td>PSD</td> <td>001</td> <td>A2</td> </tr> </table> | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | SD-39724-001 | PSD | 001 | A2 | | | | | | | | | | | | | | | | |
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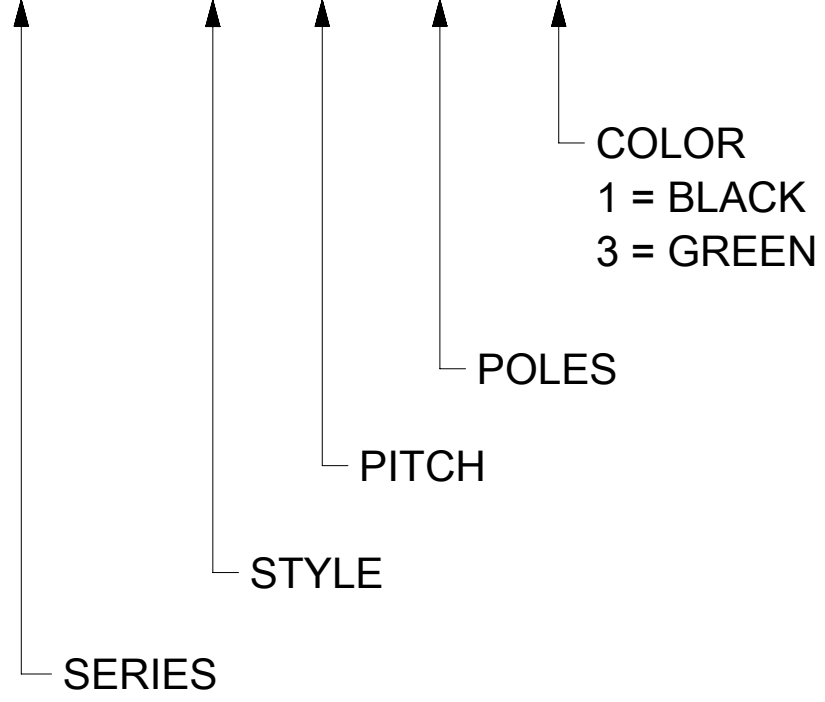
| CIRCUIT SIZE | PART NUMBER DATA | | | | DIMENSIONAL INFORMATION | | | |
|--------------|------------------|--------------------|-------------|--------------------|-------------------------|------|----------|-------|
| | BLACK COLOR | | GREEN COLOR | | DIM. "A" | | DIM. "B" | |
| | PART NUMBER | ENGINEERING NUMBER | PART NUMBER | ENGINEERING NUMBER | IN | mm | IN | mm |
| 2 | 397245002 | M750S-03-5-02-1 | 397240002 | M750S-03-5-02-3 | .60 | 15.2 | .300 | 7.62 |
| 3 | 397245003 | M750S-03-5-03-1 | 397240003 | M750S-03-5-03-3 | .90 | 22.9 | .600 | 15.24 |
| 4 | 397245004 | M750S-03-5-04-1 | 397240004 | M750S-03-5-04-3 | 1.20 | 30.5 | .900 | 22.86 |
| 5 | 397245005 | M750S-03-5-05-1 | 397240005 | M750S-03-5-05-3 | 1.50 | 38.1 | 1.200 | 30.48 |
| 6 | 397245006 | M750S-03-5-06-1 | 397240006 | M750S-03-5-06-3 | 1.80 | 45.7 | 1.500 | 38.10 |
| 7 | 397245007 | M750S-03-5-07-1 | 397240007 | M750S-03-5-07-3 | 2.10 | 53.3 | 1.800 | 45.72 |
| 8 | 397245008 | M750S-03-5-08-1 | 397240008 | M750S-03-5-08-3 | 2.40 | 61.0 | 2.100 | 53.34 |
| 9 | 397245009 | M750S-03-5-09-1 | 397240009 | M750S-03-5-09-3 | 2.70 | 68.6 | 2.400 | 60.96 |
| 10 | 397245010 | M750S-03-5-10-1 | 397240010 | M750S-03-5-10-3 | 3.00 | 76.2 | 2.700 | 68.58 |
| 11 | 397245011 | M750S-03-5-11-1 | 397240011 | M750S-03-5-11-3 | 3.30 | 83.8 | 3.000 | 76.20 |
| 12 | 397245012 | M750S-03-5-12-1 | 397240012 | M750S-03-5-12-3 | 3.60 | 91.4 | 3.300 | 83.82 |

(A2)

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

ENGINEERING NUMBER LEGEND

M750S - 03 - 5 - XX - X



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| | DIMENSION UNITS | SCALE | CURRENT REV DESC: ADDED BLACK PART NUMBER | |
| ▽ = 0 | INCH/MM | 2:1 | EC NO: 628063 DRWN: ABENJAMINLW 2019/11/25 CHK'D: DACHAMMER 2019/12/06 APPR: JFMURPHY 2019/12/12 | |
| ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| ▽ = 0 | MM | INCH | INITIAL REVISION: DRWN: RSTONE 2014/01/30 APPR: JFMURPHY 2014/10/16 | |
| ▽ = 0 | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± SEE CHART | | |
| ▽ = 0 | 3 PLACES ± --- ± SEE CHART | 2 PLACES ± SEE CHART ± SEE CHART | PRODUCT CUSTOMER DRAWING | |
| ▽ = 0 | 2 PLACES ± SEE CHART ± SEE CHART | 1 PLACE ± SEE CHART ± --- | | |
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| ▽ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 39724 |
| ▽ = 0 | | | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET |
| | | | SHEET NUMBER: 2 OF 2 | |

molex

7.62MM EURO HEADER
VERTICAL, CLOSED END

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-39724-001 | DOC TYPE: PSD | DOC PART: 001 | REVISION: A2