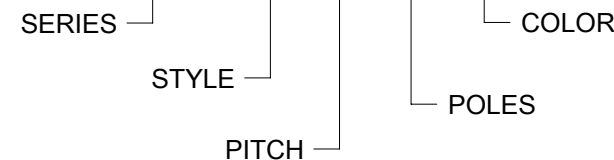


PCB LAYOUT

ENGINEERING NUMBER LEGEND

M450P - 00 - 1 - XX - 3



CONTACT FACTORY FOR OPTIONAL COLORS

| PART NUMBER DATA | | | | | | | |
|------------------|-------------|--------------------|-------|----------|-------|----------|--------|
| CIRCUITS | PART NUMBER | ENGINEERING NUMBER | COLOR | DIM. "A" | | DIM. "B" | |
| | | | | IN | mm | IN | mm |
| 2 | 397560002 | M450P-00-1-02-3 | GREEN | .39 | 10.0 | .197 | 5.00 |
| 3 | 397560003 | M450P-00-1-03-3 | GREEN | .59 | 15.0 | .394 | 10.00 |
| 4 | 397560004 | M450P-00-1-04-3 | GREEN | .79 | 20.0 | .591 | 15.00 |
| 5 | 397560005 | M450P-00-1-05-3 | GREEN | .98 | 25.0 | .787 | 20.00 |
| 6 | 397560006 | M450P-00-1-06-3 | GREEN | 1.18 | 30.0 | .984 | 25.00 |
| 7 | 397560007 | M450P-00-1-07-3 | GREEN | 1.38 | 35.0 | 1.181 | 30.00 |
| 8 | 397560008 | M450P-00-1-08-3 | GREEN | 1.57 | 40.0 | 1.378 | 35.00 |
| 9 | 397560009 | M450P-00-1-09-3 | GREEN | 1.77 | 45.0 | 1.575 | 40.00 |
| 10 | 397560010 | M450P-00-1-10-3 | GREEN | 1.97 | 50.0 | 1.772 | 45.00 |
| 11 | 397560011 | M450P-00-1-11-3 | GREEN | 2.17 | 55.0 | 1.969 | 50.00 |
| 12 | 397560012 | M450P-00-1-12-3 | GREEN | 2.36 | 60.0 | 2.165 | 55.00 |
| 13 | | M450P-00-1-13-3 | GREEN | 2.56 | 65.0 | 2.362 | 60.00 |
| 14 | 397560014 | M450P-00-1-14-3 | GREEN | 2.76 | 70.0 | 2.559 | 65.00 |
| 15 | | M450P-00-1-15-3 | GREEN | 2.95 | 75.0 | 2.756 | 70.00 |
| 16 | | M450P-00-1-16-3 | GREEN | 3.15 | 80.0 | 2.953 | 75.00 |
| 17 | | M450P-00-1-17-3 | GREEN | 3.35 | 85.0 | 3.150 | 80.00 |
| 18 | | M450P-00-1-18-3 | GREEN | 3.54 | 90.0 | 3.346 | 85.00 |
| 19 | | M450P-00-1-19-3 | GREEN | 3.74 | 95.0 | 3.543 | 90.00 |
| 20 | | M450P-00-1-20-3 | GREEN | 3.94 | 100.0 | 3.740 | 95.00 |
| 21 | | M450P-00-1-21-3 | GREEN | 4.13 | 105.0 | 3.937 | 100.00 |
| 22 | | M450P-00-1-22-3 | GREEN | 4.33 | 110.0 | 4.134 | 105.00 |
| 23 | | M450P-00-1-23-3 | GREEN | 4.53 | 115.0 | 4.331 | 110.00 |
| 24 | | M450P-00-1-24-3 | GREEN | 4.72 | 120.0 | 4.528 | 115.00 |
| 25 | | M450P-00-1-25-3 | GREEN | 4.92 | 125.0 | 4.724 | 120.00 |
| 26 | | M450P-00-1-26-3 | GREEN | 5.12 | 130.0 | 4.921 | 125.00 |
| 27 | | M450P-00-1-27-3 | GREEN | 5.31 | 135.0 | 5.118 | 130.00 |
| 28 | | M450P-00-1-28-3 | GREEN | 5.51 | 140.0 | 5.315 | 135.00 |
| 29 | | M450P-00-1-29-3 | GREEN | 5.71 | 145.0 | 5.512 | 140.00 |
| 30 | | M450P-00-1-30-3 | GREEN | 5.91 | 150.0 | 5.709 | 145.00 |

REF. THE LAST 2 DIGITS OF THE PART NUMBER EQUAL CIRCUIT COUNT

SPECIFICATIONS

- MATERIAL:
 - (A). BODY: PA66, UL94V-0
 - (B). TERMINAL: BRASS. TIN PLATED
- RATING: 300V, 10A
- OPERATING TEMPERATURE: -40°C TO +105°C
- MAX SOLDERING: 260°C (+500° F) FOR 5 SECONDS
- DIMS SHOWN ARE FOR REFERENCE ONLY

| 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 |

| | | | | | | | |
|---|--|-------------------------|---|------------|-----------------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |
| FUNCTIONAL SYMBOLS | DIMENSION UNITS | SCALE | CURRENT REV DESC: REDRAWN TO NX. ADDED PN 397610014 | | | | |
| $\frac{E}{A} = 0$ | INCH/MM | 3:1 | <p>molex</p> <p>PIN HEADER BREAKABLE 5.00MM, VERTICAL 1.30MM PIN DIA</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | |
| $\frac{E}{E} = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | |
| $\frac{E}{E} = 0$ | MM | INCH | | | | | |
| DIVISIONAL SYMBOLS | 4 PLACES | ± --- ± --- | EC NO: 750471 | 2023/05/19 | DOCUMENT NUMBER | | |
| | 3 PLACES | ± --- ± SEE CHART | DRWN: ABENJAMINLW | 2023/05/22 | SD-39756-001 | | |
| | 2 PLACES | ± SEE CHART ± SEE CHART | CHKD: DACHAMMER | 2023/05/23 | PSD 001 A2 | | |
| | 1 PLACE | ± SEE CHART ± --- | APPR: JFMURPHY | 2023/05/23 | REVISION | | |
| | 0 PLACES | ± --- ± --- | INITIAL REVISION: | 2014/07/28 | MATERIAL NUMBER | | |
| | ANGULAR TOL | ± --- | DRWN: RSTONE | 2014/10/16 | CUSTOMER | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | SHEET NUMBER | |
| | | | | B-SIZE | 39756 | 1 OF 1 | |