

SPECIFICATIONS:

1. MATERIAL:

- A. SCREW: M2.5 STEEL, ZINC PLATED
- B. BODY : PA66, UL94 V-0
- C. BLOCK: BRASS, NI PLATED
- D. COVER: PA66, UL94 V-0
- E. CONTACT : COPPER ALLOY
- F. MTG. SCREW: M2.5 STEEL, ZINC PLATED

2. WIRE SIZE: 30 TO 12AWG (A2)

3. ELECTRICAL RATING : 300V, 18A (A2)

4. MAX TORQUE : 5.0LBF. IN (A2)

5. WIRE STRIP LENGTH: .24 IN. (6.00mm)

6. OPERATING TEMPERATURE:-40°C TO +115°C (A2)

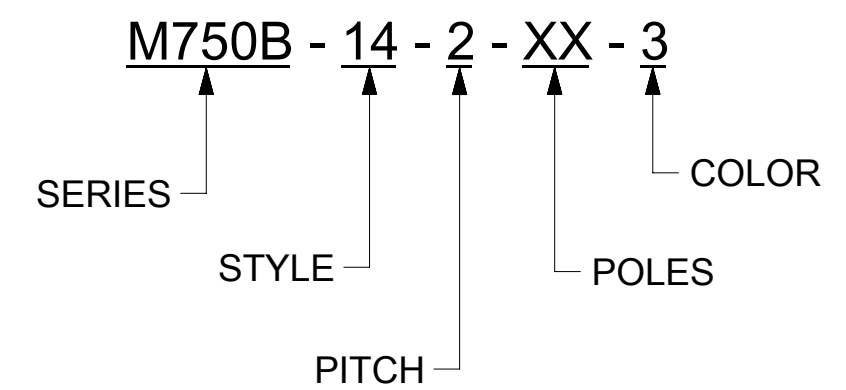
PART NUMBER DATA

| CIRCUITS | PART NUMBER | ENGINEERING NUMBER | COLOR | DIM. "A" | | DIM. "B" | | DIM. "C" | |
|----------|-------------|--------------------|-------|----------|-------|----------|-------|----------|--------|
| | | | | IN | mm | IN | mm | IN | mm |
| 2 | 397140002 | M750B-14-2-02-3 | GREEN | .80 | 20.3 | .200 | 5.08 | .600 | 15.24 |
| 3 | 397140003 | M750B-14-2-03-3 | GREEN | 1.00 | 25.4 | .400 | 10.16 | .800 | 20.32 |
| 4 | 397140004 | M750B-14-2-04-3 | GREEN | 1.20 | 30.5 | .600 | 15.24 | 1.000 | 25.40 |
| 5 | 397140005 | M750B-14-2-05-3 | GREEN | 1.40 | 35.6 | .800 | 20.32 | 1.200 | 30.48 |
| 6 | 397140006 | M750B-14-2-06-3 | GREEN | 1.60 | 40.6 | 1.000 | 25.40 | 1.400 | 35.56 |
| 7 | 397140007 | M750B-14-2-07-3 | GREEN | 1.80 | 45.7 | 1.200 | 30.48 | 1.600 | 40.64 |
| 8 | 397140008 | M750B-14-2-08-3 | GREEN | 2.00 | 50.8 | 1.400 | 35.56 | 1.800 | 45.72 |
| 9 | 397140009 | M750B-14-2-09-3 | GREEN | 2.20 | 55.9 | 1.600 | 40.64 | 2.000 | 50.80 |
| 10 | 397140010 | M750B-14-2-10-3 | GREEN | 2.40 | 61.0 | 1.800 | 45.72 | 2.200 | 55.88 |
| 11 | 397140011 | M750B-14-2-11-3 | GREEN | 2.60 | 66.0 | 2.000 | 50.80 | 2.400 | 60.96 |
| 12 | 397140012 | M750B-14-2-12-3 | GREEN | 2.80 | 71.1 | 2.200 | 55.88 | 2.600 | 66.04 |
| 13 | | M750B-14-2-13-3 | GREEN | 3.00 | 76.2 | 2.400 | 60.96 | 2.800 | 71.12 |
| 14 | | M750B-14-2-14-3 | GREEN | 3.20 | 81.3 | 2.600 | 66.04 | 3.000 | 76.20 |
| 15 | | M750B-14-2-15-3 | GREEN | 3.40 | 86.4 | 2.800 | 71.12 | 3.200 | 81.28 |
| 16 | | M750B-14-2-16-3 | GREEN | 3.60 | 91.4 | 3.000 | 76.20 | 3.400 | 86.36 |
| 17 | 397140017 | M750B-14-2-17-3 | GREEN | 3.80 | 96.5 | 3.200 | 81.28 | 3.600 | 91.44 |
| 18 | 397140018 | M750B-14-2-18-3 | GREEN | 4.00 | 101.6 | 3.400 | 86.36 | 3.800 | 96.52 |
| 19 | | M750B-14-2-19-3 | GREEN | 4.20 | 106.7 | 3.600 | 91.44 | 4.000 | 101.60 |
| 20 | | M750B-14-2-20-3 | GREEN | 4.40 | 111.8 | 3.800 | 96.52 | 4.200 | 106.68 |

(A2)

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

ENGINEERING NUMBER LEGEND



CONTACT FACTORY FOR OPTIONAL COLORS

| 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 |

| | | | | | |
|--|---|----------------------------|---|------------------------|--|
| FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: ADDED P/N FOR POLES 17 & 18. MODIFIED WIRE SIZE, ELECTRICAL RATING, TORQUE & TEMP RATING. | | |
| | DIMENSION UNITS INCH/MM | SCALE 3:1 | EC NO: 710042 DRWN: ABENJAMINLW 2022/06/08 CHK'D: DACHAMMER 2022/06/09 APPR: JFMURPHY 2022/06/13 | | |
| DIVISIONAL SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | INITIAL REVISION: | | |
| | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± SEE CHART | 2 PLACES ± SEE CHART ± SEE CHART | 1 PLACE ± CHART ± --- | 0 PLACES ± --- ± --- |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING C-SIZE | SERIES 39714 | DOCUMENT NUMBER SD-39714-001 |
| | | | | | DOC TYPE PSD |
| | | | | | DOC PART 001 |
| | | | | | REVISION A2 |
| | | | | | MATERIAL NUMBER SEE CHART |
| | | | | | CUSTOMER GENERAL MARKET |
| | | | | | SHEET NUMBER 1 OF 1 |