

PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:

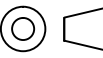

- A. BUTTON: PA66 UL94 V-0
B. BODY : PA66 UL94 V-0
C. TERMINAL: PHOS-BRONZE, TIN PLATED
D. COVER: PA66 UL94 V-0
2. WIRE SIZE: 20 - 16AWG
3. ELECTRICAL RATING (UL): 300V, 5A
4. WIRE STRIP LENGTH: .31 (8.0mm)
5. POWER FREQUENCY WITHSTAND: AC 2000V FOR 1 MINUTE
6. INSULATION RESISTANCE: DC 500V, 500MΩ
7. RATED IMPULSE VOLTAGE: 2500V PLUS AND MINUS 5 TIMES EACH
8. OPERATING TEMPERATURE: -40°C TO +105°C
9. MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
10. DIMS SHOWN ARE FOR REFERENCE ONLY

| | | |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| ADD NOTES, REV'D SPECS EC NO: IPG2014-1520 DRWN: RSTONE 2/25/14 CHKD: G FARNWO 2014/02/28 APPR: JFMURPHY 2013/12/26 | DESCRIPTION REV | QUALITY SYMBOL |
| | | ▽=0 |
| | | ▽C=0 |
| | | B |

| |
|----------------|
| QUALITY SYMBOL |
| ▽=0 |
| ▽C=0 |
| B |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
|------------------------------------------------------|-------|-------|
| | mm | INCH |
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.01 |
| 1 PLACE | ±0.3 | ±--- |
| ANGULAR ±---° | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | |

| DIMENSION STYLE IN/MM | |
|-----------------------|------------|
| DRAWN BY | DATE |
| RSTONE | 2013/10/02 |
| CHECKED BY | DATE |
| G FARNSW | 2013/12/20 |
| APPROVED BY | DATE |
| JFMURPHY | 2013/12/26 |
| MATERIAL NO. | |
| SEE CHART | |
| SIZE | C |

| | | |
|----------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| SCALE --- | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION |
| TITLE SPRING TERMINAL BLOCK .138 (3.50) PITCH 45 DEG MODULAR | | |
|  MOLEX INCORPORATED | | |
| DOCUMENT NO. SD-39700-008 | | SHEET NO. 1 OF 1 |
| CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX 0 SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

PART NUMBER DATA

| CIRCUITS | PART NUMBER | ENGINEERING NUMBER | COLOR | A IN mm | | B IN mm | |
|----------|-------------|--------------------|---------|---------|------|---------|-------|
| 2 | 397000702 | M710-02-02-9 | LT GRAY | .33 | 8.5 | .138 | 3.50 |
| 3 | 397000703 | M710-02-03-9 | LT GRAY | .47 | 12.0 | .276 | 7.00 |
| 4 | 397000704 | M710-02-04-9 | LT GRAY | .61 | 15.5 | .413 | 10.50 |
| 5 | 397000705 | M710-02-05-9 | LT GRAY | .75 | 19.0 | .551 | 14.00 |
| 6 | 397000706 | M710-02-06-9 | LT GRAY | .89 | 22.5 | .689 | 17.50 |
| 7 | 397000707 | M710-02-07-9 | LT GRAY | 1.02 | 26.0 | .827 | 21.00 |
| 8 | 397000708 | M710-02-08-9 | LT GRAY | 1.16 | 29.5 | .965 | 24.50 |
| 9 | 397000709 | M710-02-09-9 | LT GRAY | 1.30 | 33.0 | 1.102 | 28.00 |
| 10 | 397000710 | M710-02-10-9 | LT GRAY | 1.44 | 36.5 | 1.240 | 31.50 |
| 11 | 397000711 | M710-02-11-9 | LT GRAY | 1.57 | 40.0 | 1.378 | 35.00 |
| 12 | 397000712 | M710-02-12-9 | LT GRAY | 1.71 | 43.5 | 1.516 | 38.50 |
| 13 | 397000713 | M710-02-13-9 | LT GRAY | 1.85 | 47.0 | 1.654 | 42.00 |
| 14 | 397000714 | M710-02-14-9 | LT GRAY | 1.99 | 50.5 | 1.791 | 45.50 |
| 15 | 397000715 | M710-02-15-9 | LT GRAY | 2.13 | 54.0 | 1.929 | 49.00 |
| 16 | 397000716 | M710-02-16-9 | LT GRAY | 2.26 | 57.5 | 2.067 | 52.50 |
| 17 | 397000717 | M710-02-17-9 | LT GRAY | 2.40 | 61.0 | 2.205 | 56.00 |
| 18 | 397000718 | M710-02-18-9 | LT GRAY | 2.54 | 64.5 | 2.343 | 59.50 |
| 19 | 397000719 | M710-02-19-9 | LT GRAY | 2.68 | 68.0 | 2.480 | 63.00 |
| 20 | 397000720 | M710-02-20-9 | LT GRAY | 2.82 | 71.5 | 2.618 | 66.50 |
| 21 | 397000721 | M710-02-21-9 | LT GRAY | 2.95 | 75.0 | 2.756 | 70.00 |
| 22 | 397000722 | M710-02-22-9 | LT GRAY | 3.09 | 78.5 | 2.894 | 73.50 |
| 23 | 397000723 | M710-02-23-9 | LT GRAY | 3.23 | 82.0 | 3.032 | 77.00 |
| 24 | 397000724 | M710-02-24-9 | LT GRAY | 3.37 | 85.5 | 3.169 | 80.50 |

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

B

CONTACT FACTORY FOR OPTIONAL COLORS

ENGINEERING NUMBER LEGEND

