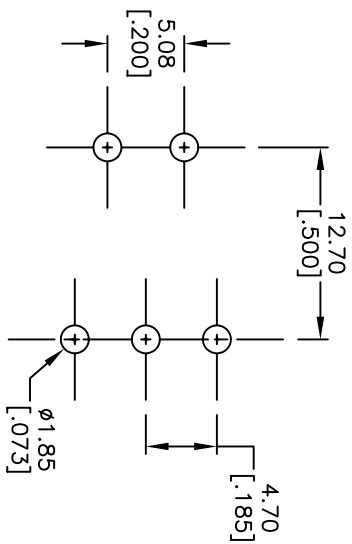
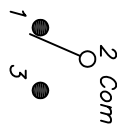




RECOMMENDED P.C.B. LAYOUT



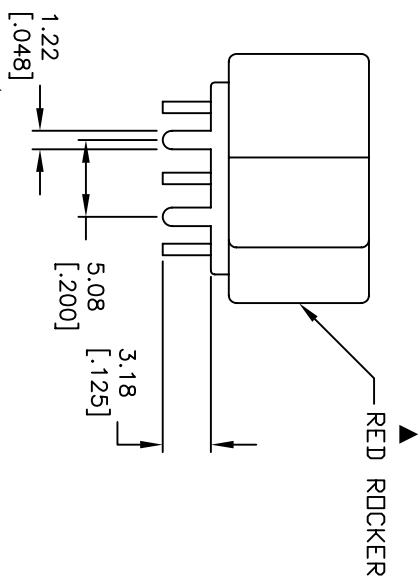
CIRCUIT: SPDT

| SWITCH FUNCTION |        |        |
|-----------------|--------|--------|
| PDS. 1          | PDS. 2 | PDS. 3 |
|                 |        |        |
| <DN>            | DIFF   | DN     |
| 2-3             | OPEN   | 2-1    |

<DN> = MOMENTARY

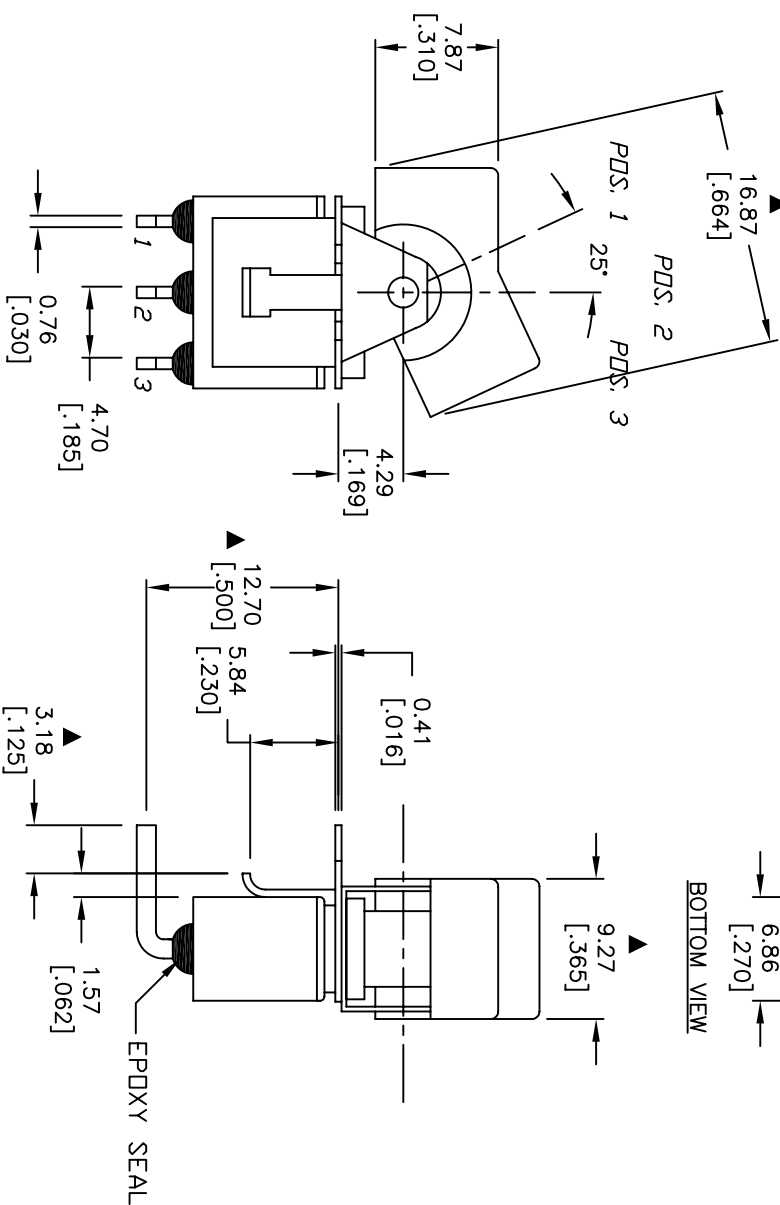
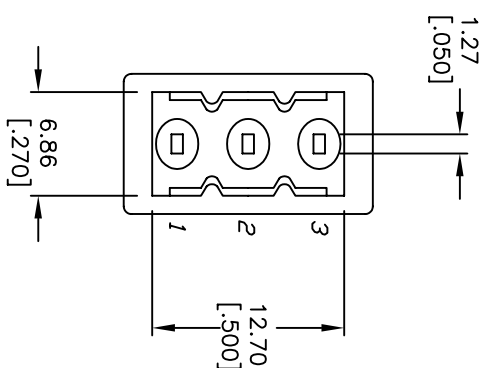
NOTES:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X=±0.4  
X.XX=±0.25
3. TERM. NOS. FOR REF. ONLY
4. RATING: 5A @120VAC OR 28VDC  
2A @250VAC
5. MATERIAL: FIXED TERMINAL & MOVING CONTACT  
Copper Alloy w/Silver Plate
6. CONTACT RESISTANCE: 10mILLI Ohms max initial  
@2-4VDC, 100mA for AG & AU
7. ELECTRICAL LIFE: 50,000 mcke-and-break  
cycles at full load.
8. INSULATION RESISTANCE: 1,000M ohm min.
9. DIELECTRIC STRENGTH: 1000V RMS @sea level
10. OPERATING TEMP.: -30°C to 85°C
11. ▲ DENOTES CRITICAL PARAMETER.
12. 2002/95/EC (ROHS) COMPLIANT



RED ROCKER

BOTTOM VIEW



| B    | 16742   | UPDATED SWITCH FUNCTION/NOTE | 12/7/06  | TN   |
|------|---------|------------------------------|----------|------|
| A    | 14410   | RELEASED FOR PRODUCTION      | 10/15/04 | AR   |
| REV. | ECN No. | DESCRIPTION                  | DATE     | CHKD |

THE INFORMATION CONTAINED IN THIS DOCUMENT  
IS PROPRIETARY TO E-SWITCH AND IS  
NOT TO BE COPIED OR TRANSFERRED

| TITLE           |           |    |         |     |
|-----------------|-----------|----|---------|-----|
| 300SP5JIREDM6QE |           |    |         |     |
| E-SWITCH        |           |    |         |     |
| SCALE           | DATE      | DR | DWG     | REV |
| 2:1             | 12/7/2006 | TN | T315011 | B   |

# Mouser Electronics

Authorized Distributor

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[300SP5J1REDM6QE](#)