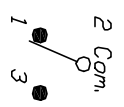




## RECOMMENDED PCB LAYOUT

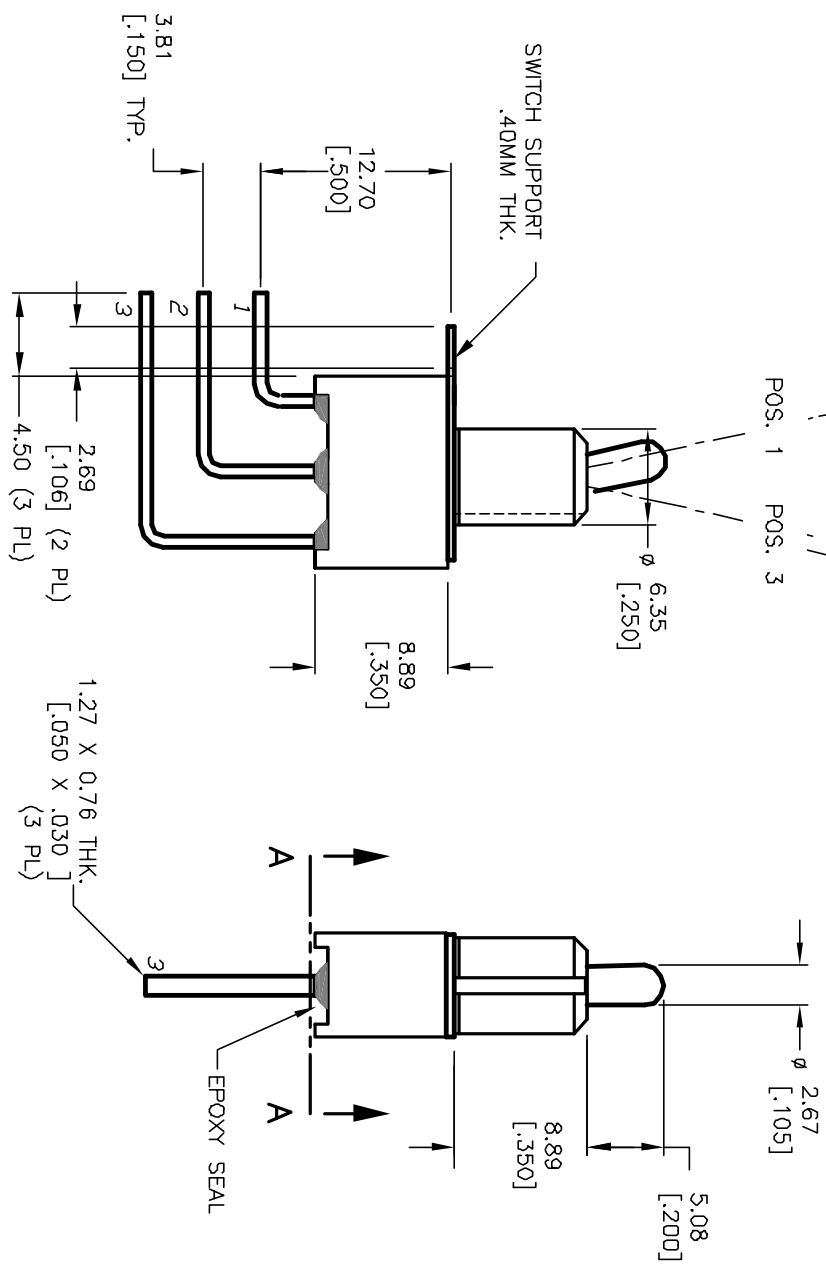
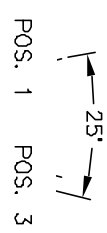


SPDT CIRCUIT  
CONTACT CONFIGURATION

| SWITCH FUNCTION                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| POS. 1                                                                            | POS. 2                                                                            | POS. 3                                                                            |
|  |  |  |
| DN                                                                                | NONE                                                                              | <DN>                                                                              |
| 2-3                                                                               | OPEN                                                                              | 2-1                                                                               |

$\langle \rangle$  = Momentary

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X=±0.4  
X.XX=±0.25
3. TERMINAL NUMBERS FOR REF ONLY
4. RATING: 5A @120VAC OR 28VDC:  
2A @250VAC
5. FIXED TERM. & MOVING CONTACT: Cu Alloy w/  
Silver plate.
6. ELECTRIC LIFE: 50,000 make-and-break cycles  
at full load.
7. INSULATION RESISTANCE: 1,000 Mega-ohm min.
8. DIELECTRIC STRENGTH: 1,000 V RMS @50 level.
9. OPERATING TEMP.: -30°C to +85°C



|                                                                                                                    |         |                       |        |      |
|--------------------------------------------------------------------------------------------------------------------|---------|-----------------------|--------|------|
| 8. DIELECTRIC STRENGTH: 1,000 V RMS @sed level.<br>9. OPERATING TEMP.: -30°C to +85°C                              |         |                       |        |      |
| <b>E-SWITCH®</b>                                                                                                   |         |                       |        |      |
| TITLE                                                                                                              |         | 100 SP-2 T2 B2 M7 Q E |        |      |
| REV.                                                                                                               | ECN NO. | DESCRIPTION           | DATE   | CHKD |
| A                                                                                                                  | 12394   | RELEASED              | 9/3/02 | CB   |
| THE INFORMATION CONTAINED IN THIS DOCUMENT<br>IS PROPRIETARY TO E-SWITCH AND IS<br>NOT TO BE COPIED OR TRANSFERRED |         |                       |        |      |
| SCALE                                                                                                              |         | DATE                  | DR     | REV  |
| 2:1                                                                                                                |         | 9/3/02                | CB     | A    |
| DWG                                                                                                                |         | T112021               |        |      |