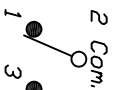




## RECOMMENDED PCB LAYOUT



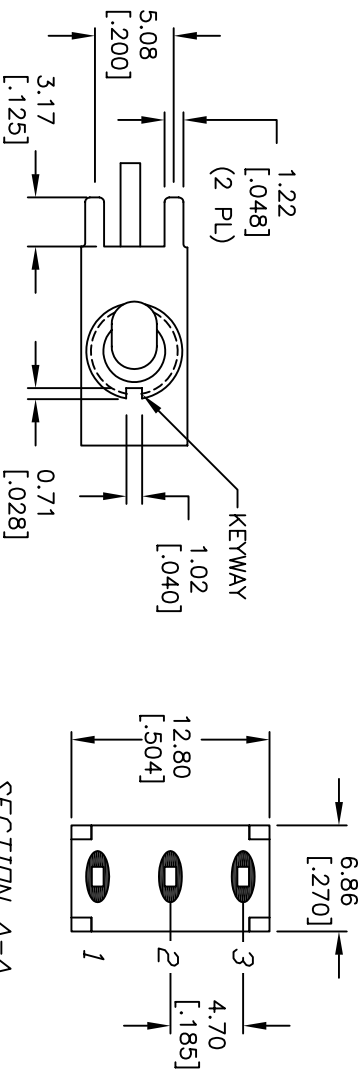
## SPDT CIRCUIT

### CONTACT CONFIGURATION

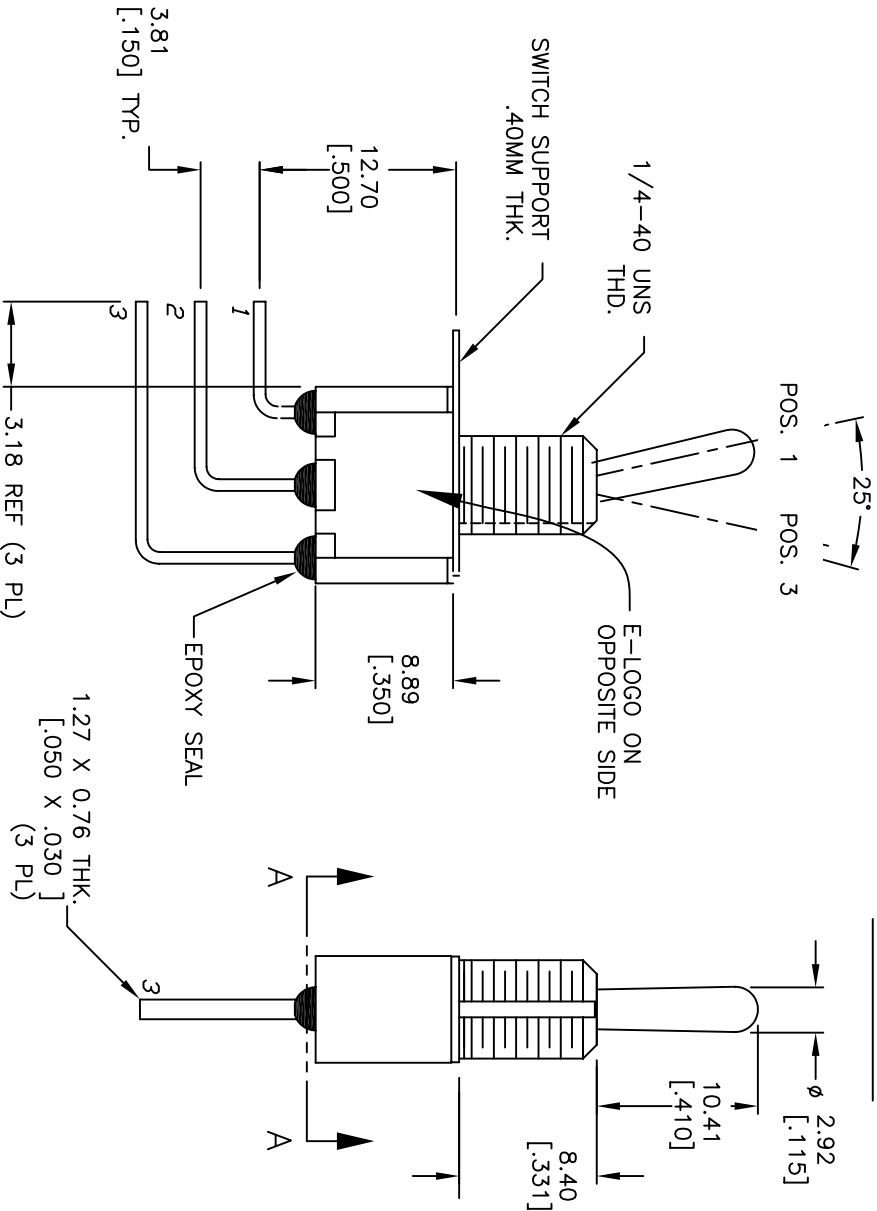
| SWITCH FUNCTION                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| PDS. 1                                                                            | PDS. 2                                                                            | PDS. 3                                                                            |
|  |  |  |
| DN                                                                                | NONE                                                                              | DN                                                                                |
| 2-3                                                                               | OPEN                                                                              | 2-1                                                                               |

## NOTES:

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 @sea level.
9. OPERATING TEMP.: -30°C to +85°C
10. 2002/95/EC (ROHS) COMPLIANT



## SECTION A-A



|                                                                                                              |       |                                |          |         |
|--------------------------------------------------------------------------------------------------------------|-------|--------------------------------|----------|---------|
| 10. 2002/95/EC (ROHS) COMPLIANT                                                                              |       |                                |          |         |
| C                                                                                                            | 15527 | DIM FROM 8.89 TO 8.40,ADD ROHS | 11/11/05 | PH      |
| B                                                                                                            | 15468 | DIM FROM 4.5 TO3.18,ADD ROHS   | 10/28/05 | PH      |
| A                                                                                                            | --    | RELEASED                       | 10/10/02 | CB      |
| REV.                                                                                                         | ECN   | DESCRIPTION                    | DATE     | CHKD    |
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| E-SWITCH®                                                                                                    |       |                                |          |         |
| TITLE                                                                                                        |       |                                |          |         |
| 100 SP-1 T1 B1 M7 Q E                                                                                        |       |                                |          |         |
| SCALE                                                                                                        |       | DATE                           | DR       | DWG     |
| 2:1                                                                                                          |       | 10/10/02                       | CB       | T111010 |
| REV                                                                                                          |       | C                              |          |         |