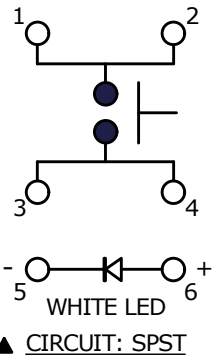
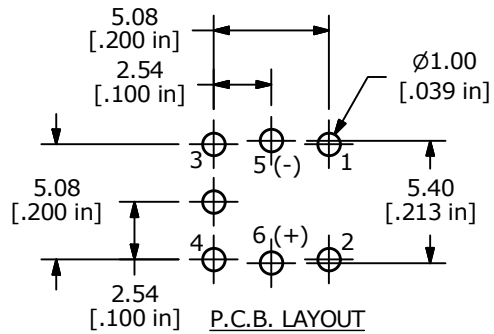
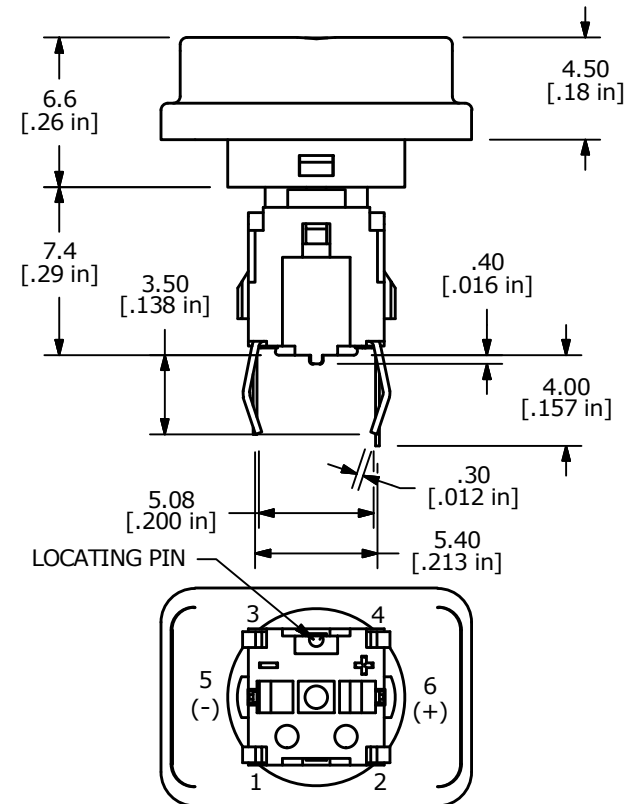
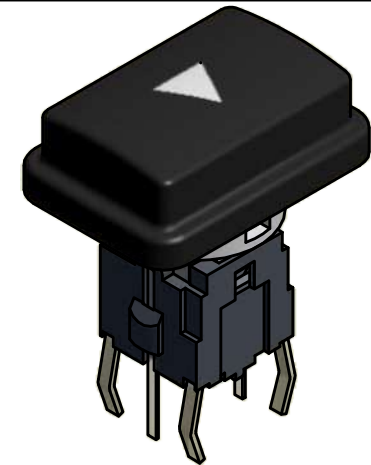
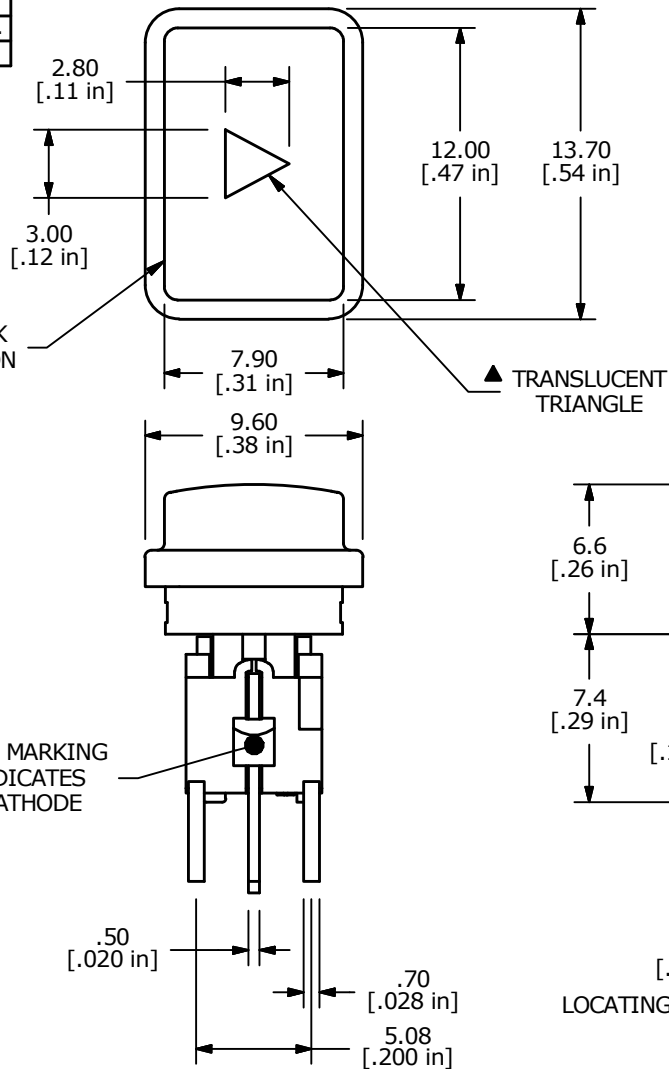


| ▲ LED SPECS               | UNITS | WHITE             |
|---------------------------|-------|-------------------|
| FORWARD CURRENT           | mA    | 20                |
| FORWARD VOLTAGE @ 20mA    | V     | 3.2 typ.-4.0 max. |
| LUMINOUS INTENSITY @ 20mA | mcd   | 250 typ.          |



## NOTES:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X =  $\pm 0.4$   
X.XX =  $\pm 0.25$
3. RATING: 12VDC @ 50mA
4. CONTACT RESISTANCE: 100m $\Omega$  MAX.
5. INSULATION RESISTANCE: 100M $\Omega$  MIN.
- ▲ 6. OPERATING FORCE: 180 $\pm$  50gf
7. TRAVEL: 0.2 $\pm$  0.1mm
8. OPERATING TEMPERATURE: -40°C TO 85°C
9. OPERATING LIFE: 500,000 CYCLES
- ▲ 10. LED: WHITE
11. ▲ DENOTES CRITICAL PARAMETERS
12. 2002/95/EC (ROHS) COMPLIANT
13. PARTS TO BE PACKAGED 50 PARTS PER TRAY.

▲ BLACK  
BUTTON▲ DOT MARKING  
INDICATES  
CATHODE

TITLE TL1220S3NNBWTRIANG

SCALE 3:1

DATE 9/17/2013

DR EBP

DWG B260020

REV B