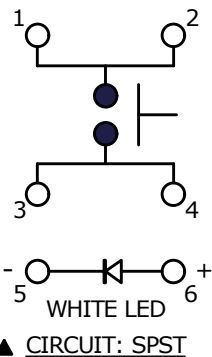
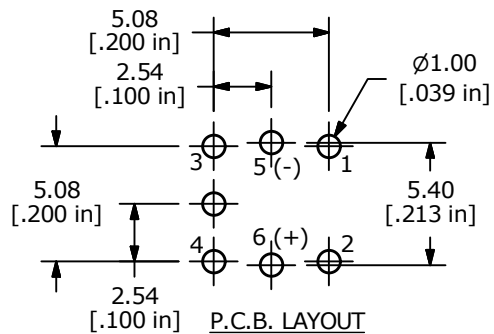
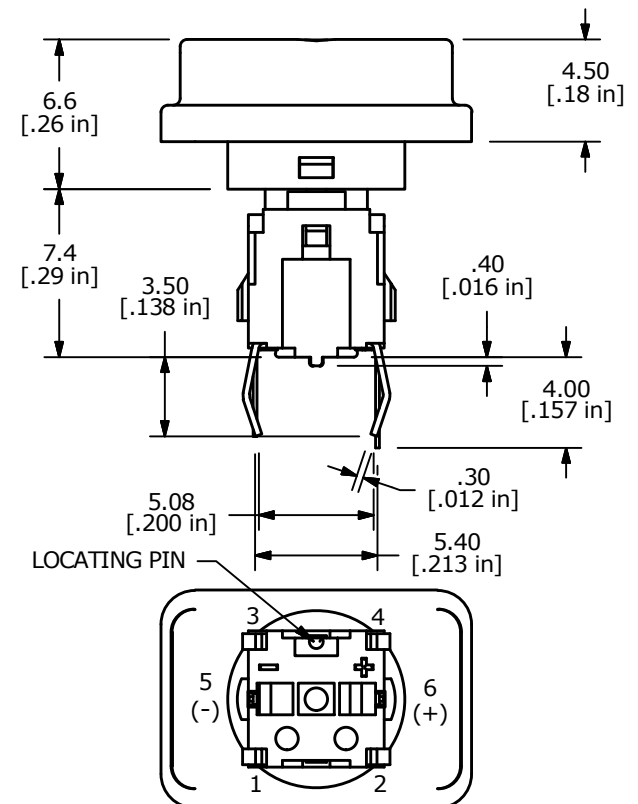
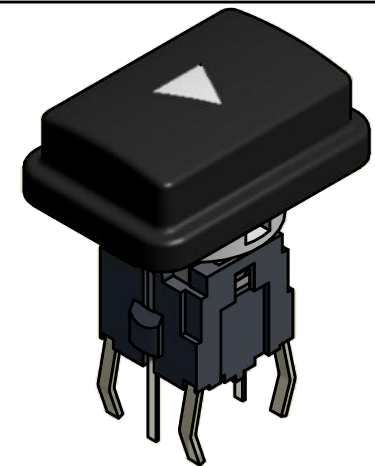
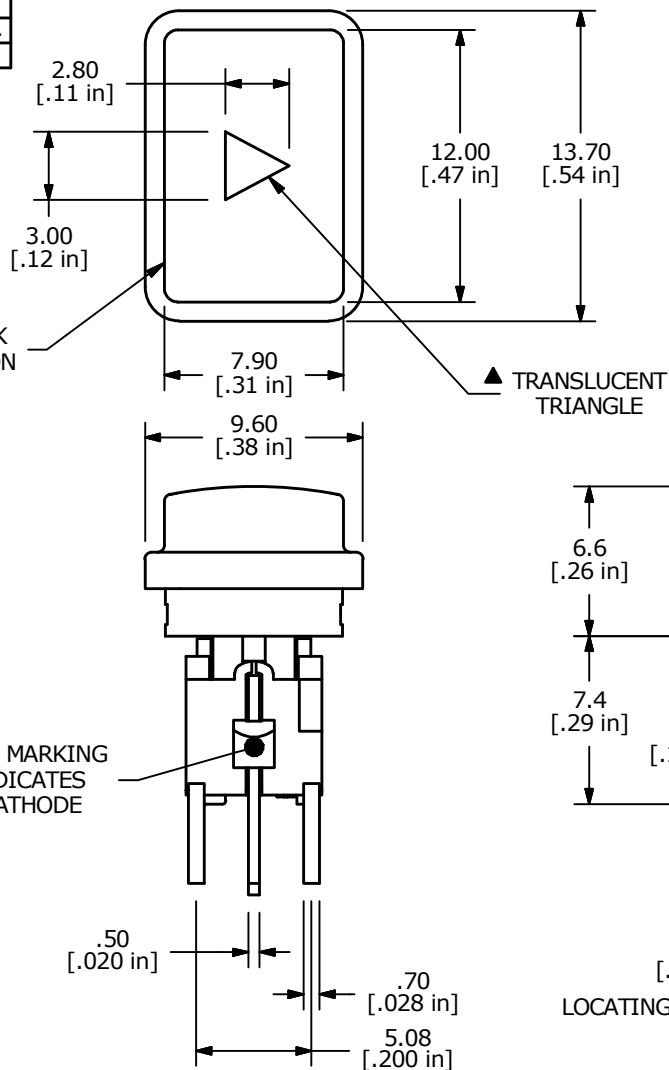


▲ LED SPECS	UNITS	WHITE
FORWARD CURRENT	mA	20
FORWARD VOLTAGE @ 20mA	V	3.2 typ.-4.0 max.
LUMINOUS INTENSITY @ 20mA	mcd	250 typ.



NOTES:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X = ± 0.4
X.XX = ± 0.25
3. RATING: 12VDC @ 50mA
4. CONTACT RESISTANCE: 100m Ω MAX.
5. INSULATION RESISTANCE: 100M Ω 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