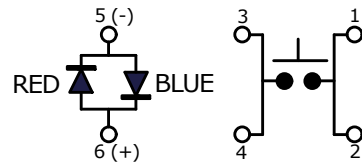
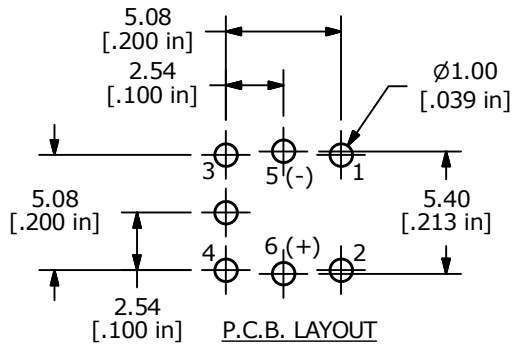
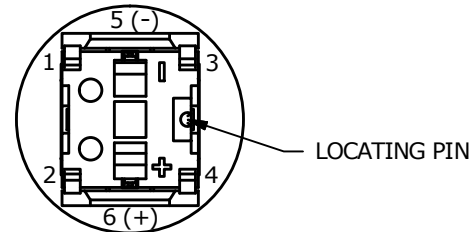
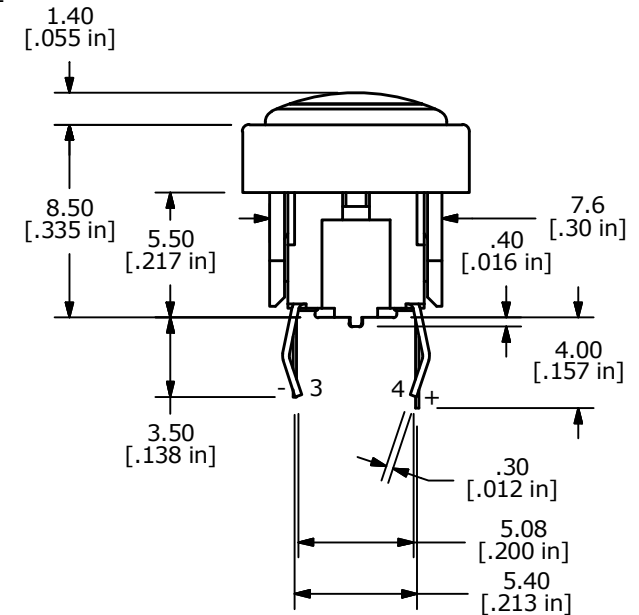
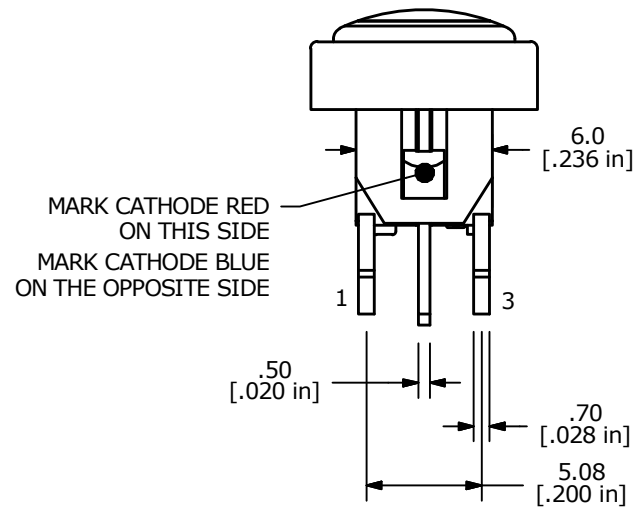
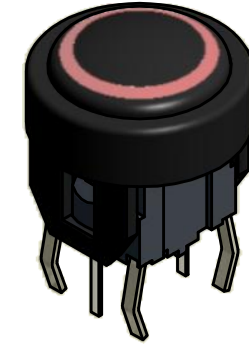
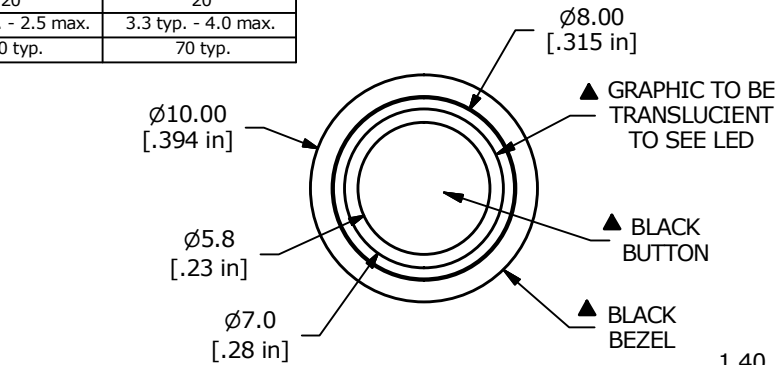


| ▲ LED SPECS               | UNITS | RED                  | BLUE                |
|---------------------------|-------|----------------------|---------------------|
| FORWARD CURRENT           | mA    | 20                   | 20                  |
| FORWARD VOLTAGE @ 20mA    | V     | 1.95 typ. - 2.5 max. | 3.3 typ. - 4.0 max. |
| LUMINOUS INTENSITY @ 20mA | MCD   | 200 typ.             | 70 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: 100mΩ MAX.
5. INSULATION RESISTANCE: 100MΩ MIN.
- ▲ 6. OPERATING FORCE: 180± 50gf
7. TRAVEL: 0.2± 0.1mm
8. OPERATING TEMPERATURE: -40°C TO 85°C
9. OPERATING LIFE: 500,000 CYCLES
- ▲ 10. LED: RED-BLUE BI-COLOR
11. ▲ DENOTES CRITICAL PARAMETERS
12. 2002/95/EC (ROHS) COMPLIANT
13. PARTS TO BE PACKAGED 100 PARTS PER TRAY.



TITLE TL1220R2BBBBRB-HALO

SCALE 3:1

DATE 1/16/2015

DR rc

DWG B260024

REV B

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TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

|     |        |                |         |    |
|-----|--------|----------------|---------|----|
| B   | 22281  | UPDATE DRAWING | 5/13/16 | MW |
| A   | 21764  | New Release    | 1/16/15 | rc |
| REV | PCR NO | DESCRIPTION    | DATE    | BY |