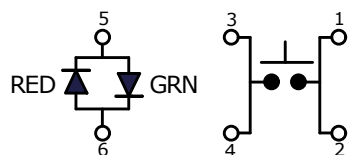
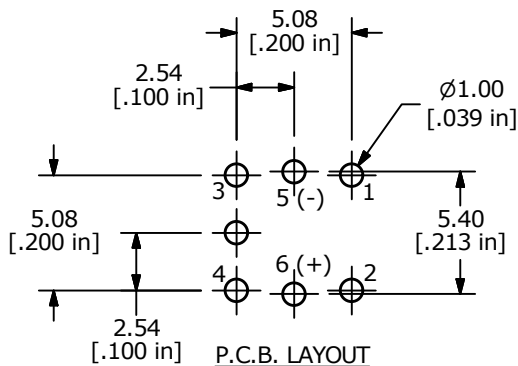
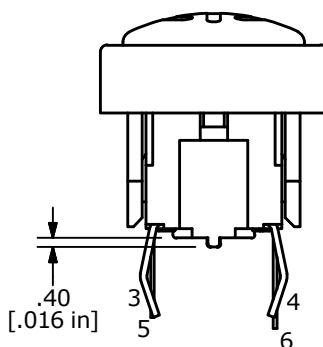
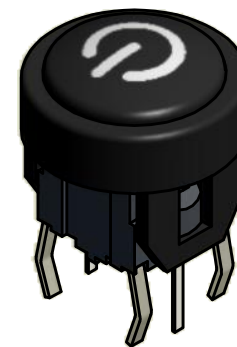
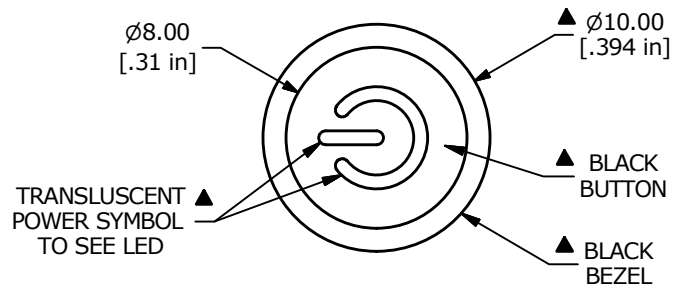


| ▲ LED SPECS               | UNITS | RED                  | GREEN               |
|---------------------------|-------|----------------------|---------------------|
| FORWARD CURRENT           | mA    | 20                   | 20                  |
| FORWARD VOLTAGE @ 20mA    | V     | 1.95 typ. - 2.5 max. | 2.1 typ. - 2.5 max. |
| LUMINOUS INTENSITY @ 20mA | MCD   | 250 typ.             | 45 typ.             |

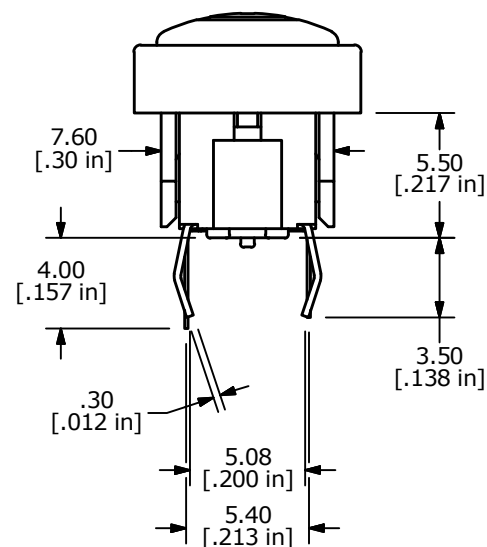
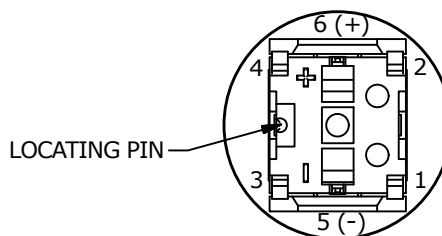
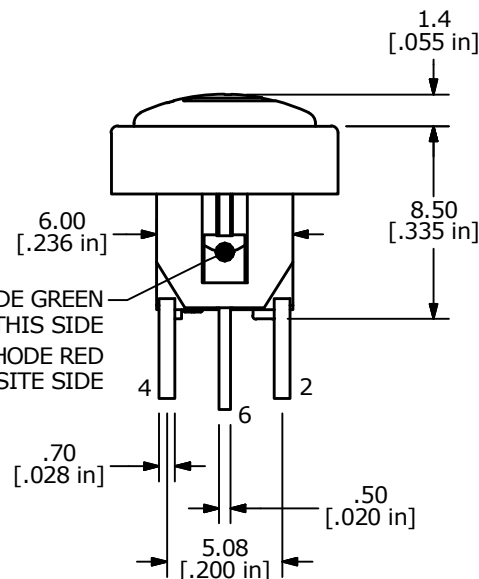


## NOTES:

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. 1.5VDC; 100mA
5. INSULATION RESISTANCE: 100M $\Omega$  MIN. 500VDC
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: RED / GREEN
11. ▲ DENOTES CRITICAL PARAMETERS
12. 2011/65/EU (ROHS) COMPLIANT
13. TERMINAL NUMBERS FOR REFERENCE ONLY
14. PARTS TO BE PACKAGED 100 PARTS PER TRAY.



MARK CATHODE GREEN  
ON THIS SIDE  
MARK CATHODE RED  
ON THE OPPOSITE SIDE



|     |        |                        |         |    |
|-----|--------|------------------------|---------|----|
| C   | 23272  | add 5.40mm dim.        | 3/26/18 | MW |
| B   | 21860  | UPDATE DRAWING         | 6/10/15 | MW |
| A   | 21844  | RELEASE FOR PRODUCTION | 5/4/15  | MW |
| REV | PCR NO | DESCRIPTION            | DATE    | BY |

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY  
TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED



TITLE TL1220R2BBBRG-POWER

|       |          |    |         |     |
|-------|----------|----|---------|-----|
| SCALE | DATE     | DR | DWG     | REV |
| 3:1   | 5/4/2015 | MW | B260025 | C   |