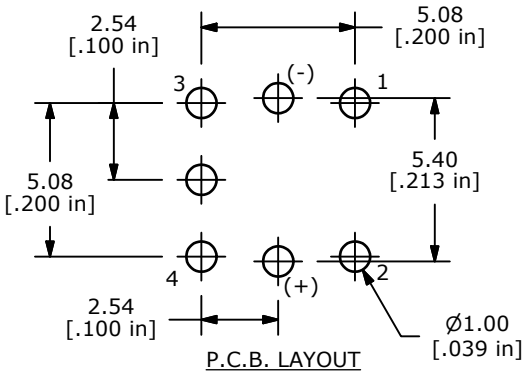
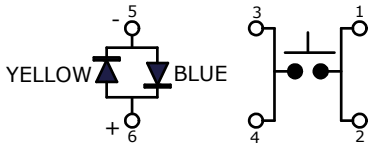
SHEET 1 OF 1

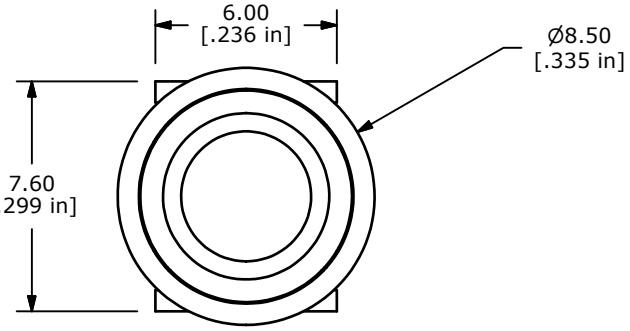
▲ LED SPECS	UNITS	YELLOW	BLUE
FORWARD CURRENT	mA	20	20
FORWARD VOLTAGE @ 20mA	V	2.0 - 2.5	2.9-4.0
LUMINOUS INTENSITY @ 20mA	MCD	120	15

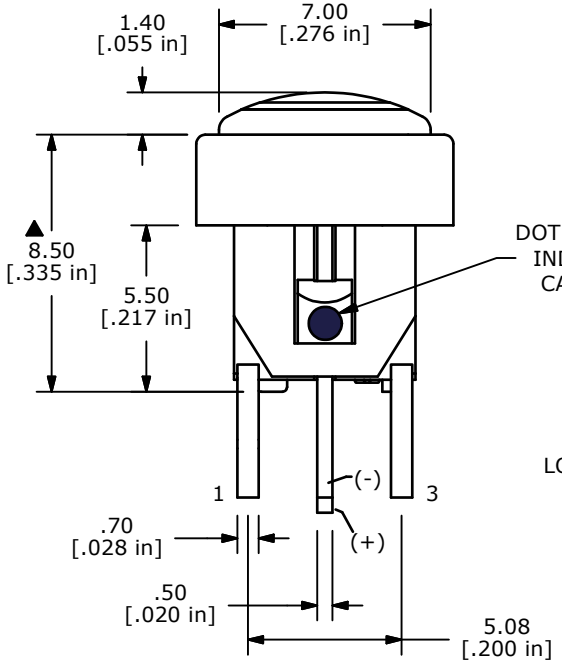


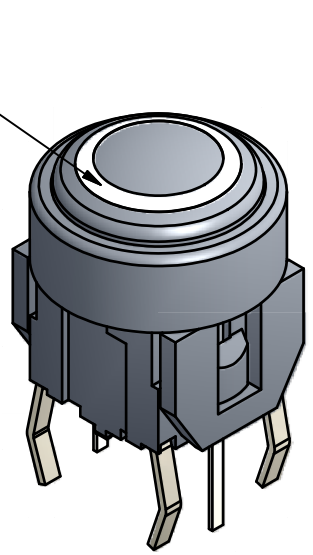
P.C.B. LAYOUT

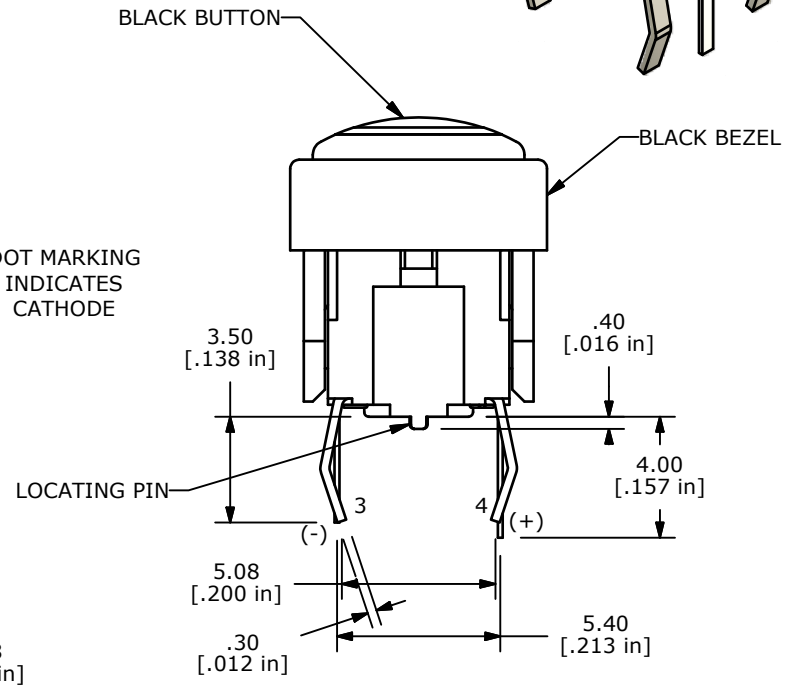


▲YELLOW / BLUE LED
CIRCUIT: SPST









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: -20˚C TO 70˚C
9. OPEREATING LIFE: 500,000 CYCLES
▲10. LED COLOR: YELLOW / BLUE
11. ▲ DENOTES CRITICAL PARAMETERS
12. 2002/95/EC (ROHS) COMPLIANT
13. PARTS TO BE PACKAGE 100 PARTS PER TRAY.

REV	PCR NO	DESCRIPTION	DATE	BY
A	20480	RELEASE FOR PRODUCTION	02/15/12	BMA

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TITLE TL1220R1BBBYB-HALO

SCALE	DATE	DR	DWG	REV
4	2/15/2012	BMA	B260019	A