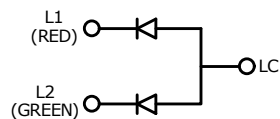
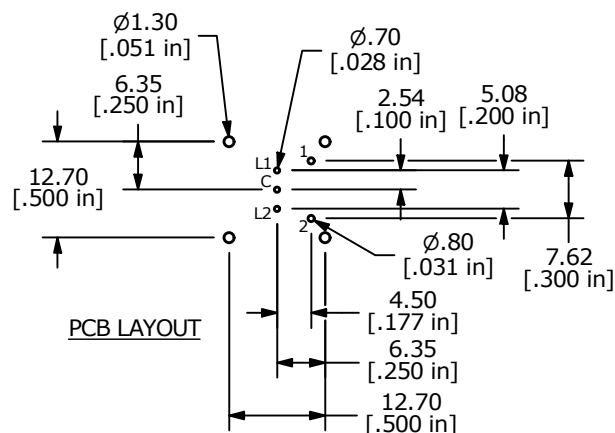


CIRCUIT: SPST



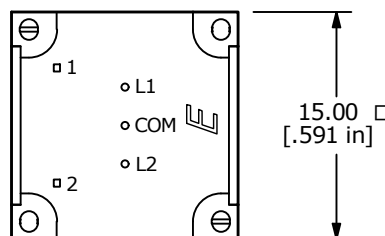
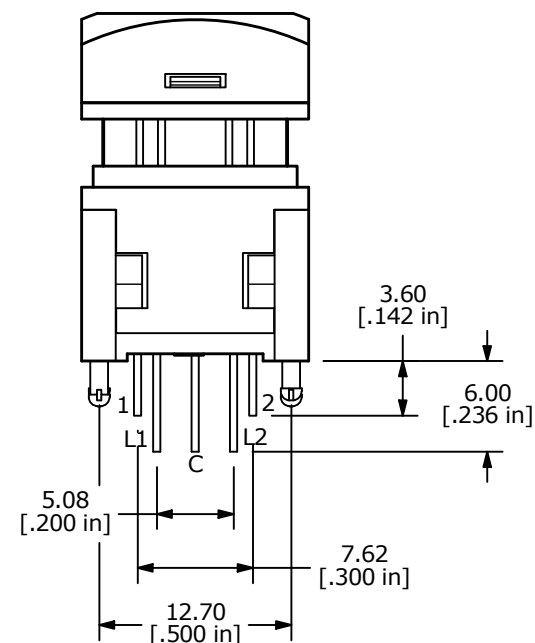
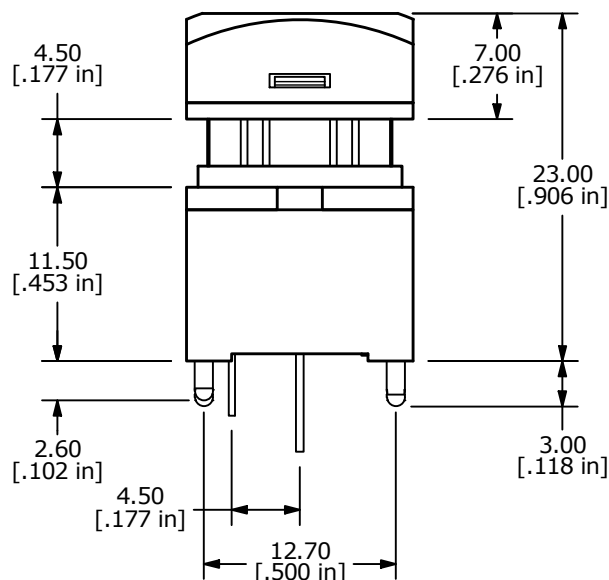
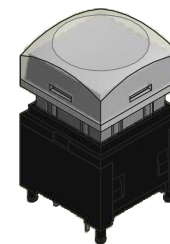
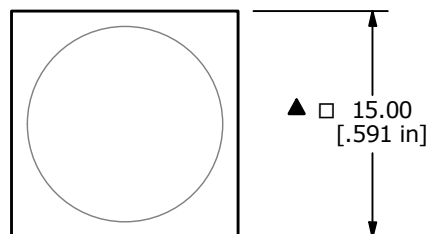
▲ LED SCHEMATIC



PCB LAYOUT

NOTES:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X = ± 0.4
X.XX = ± 0.25
3. TERM. NOS. FOR REFERENCE ONLY.
4. RATING: 12VDC, 100mA
5. CONTACT MATERIAL: GOLD PLATED
6. CONTACT RESISTANCE: 200 MILLI-OHM MAX.
7. INSULATION RESISTANCE: 500VDC, 100 MEGA-OHM MIN.
8. OPERATING FORCE: 250 ± 100 gf
9. MECHANICAL LIFE: 1,000,000 CYCLES
10. OPERATING TEMP: -20°C to $+70^{\circ}\text{C}$
- ▲ 11. LED COLORS: RED/GREEN
12. TRAVEL: $4.50\text{mm} \pm 0.20\text{mm}$
13. ▲ DENOTES CRITICAL PARAMETER.
- ▲ 14. SWITCH HAS TACTILE FEEDBACK WHEN ACTUATED.



LED SPECS	UNITS	RED	GREEN
FORWARD CURRENT	mA	5	5
FORWARD VOLTAGE @ 5mA	V	1.6-2.6	2.7-3.5
LUMINOUS INTENSITY @ 5mA	MCD	540-980	540-980



E-SWITCH®

E	24590	update LED spec	11/12/20	MW
D	21454	CHANGE CONTACT MATERIAL TO GOLD	5/13/14	EBP
C	19357	UPDATE HOUSING, COVER, PLUNGER	11/08/10	BMA
B	18254	description was LP210A1NBSRG	9/19/08	rc
A	18231	New Release	9/2/08	rc
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 LP110A1TBSRG

SCALE
2:1DATE
9/2/2008DR
rcDWG
B231003REV
E