



1. ALL DIMENSIONS IN MM [INCH]

2. GENERAL TOLERANCE: $X.X = \pm 0.4$

$$X.XX = \pm 0.25$$

3. TERM. NOS. FOR REFERENCE ONLY.

4. RATING: 100mA @ 12VDC

5. CONTACT MATERIAL: GOLD PLATED

6. CONTACT RESISTANCE: 200 Milli-OHM MAX.

7. INSULATION RESISTANCE: 500VDC, 100 MEGA-OHM MIN.

8. OPERATING FORCE: $250 \pm 100\text{gf}$

9. MECHANICAL LIFE: 1,000,000 CYCLES

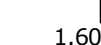
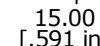
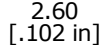
10. OPERATING TEMP: -40°C to +85°C

11. LED COLORS: RGB (RED/GREEN/BLUE)

12. TRAVEL : 4.50mm $\pm$ 0.20mm

13. ▲ DENOTES CRITICAL PARAMETER

15. $\blacktriangle$ DENOTES CRITICAL PARAMETER.



LED SPECS	UNITS	RED	GREEN	BLUE
FORWARD CURRENT	mA	20	20	20
FORWARD VOLTAGE @ 20mA	V	2.1-2.4	3.2-3.9	3.2-3.9
LUMINOUS INTENSITY @ 20mA	MCD	675	1600	240

REV	ECO NO	DESCRIPTION	DATE	BY	 E-SWITCH®					OBJECT ID
E	ECO-100656	update print	01/11/22	MW						000006626
					TITLE LP110A1NBSRGB					
THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED					SCALE 2:1	DATE 5/6/2010	DR BLR	DWG B230013	REV E	