



LED PARAMETER	FORWARD CURRENT	FORWARD VOLTAGE @ 20mA	LUMINOUS INTENSITY
UNITS	mA	V	mcd
RED	20	2.0 - 2.5	700

**NOTE:**

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X = ±0.4  
X.XX = ±0.25
3. TERMINAL NUMBERS FOR REF ONLY
4. CIRCUIT: SPST OFF-MOMENTARY ON
5. CONTACT MATERIAL: Gold over SILVER
- ▲ 6. RATING: 125mA @ 125 VAC  
100mA @ 50 VDC
7. ELECTRIC LIFE: 500,000 CYCLES AT FULL LOAD
8. CONTACT RESISTANCE: 50 milli-OHM max. (INITIAL)
9. INSULATION RESISTANCE: 1,000 MEGA-OHM min. @ 500VDC
10. DIELECTRIC STRENGTH: 1,000 VAC rms.
11. OPERATING FORCE: 350 gf +/- 150 gf
12. OPERATING TEMPERATURE: -30°C to +85°C
13. CONTACT BOUNCE: 10ms MAX.
- ▲ 14. TRAVEL: 1.5mm
15. PANEL THICKNESS RANGE: 0.8 - 1.8mm
16. ▲ DENOTES CRITICAL PARAMETER.
17. 2011/65/EU (ROHS) COMPLIANT
- ▲ 18. HARDWARE INCLUDED:  
1. T081100 RUBBER SEAL (1)
19. SEAL RATING: IP67 AT THE FRONT PANEL

F	23328	note 15 to .8 - 1.8mm	4/25/18	MW
E	22442	ADDED BOTTOM VIEW	8/12/16	MJR
D	21595	CHANGE NOTE 19: IP67 WAS IP65	9/25/14	EBP
REV	PCR NO	DESCRIPTION	DATE	BY



TITLE RP8100B1M1CEBLKBLKRED				
SCALE 3:2	DATE 4/24/2009	DR BLR	DWG ST081040	REV F