



| 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

|     |        |                               |         |     |
|-----|--------|-------------------------------|---------|-----|
| D   | 23328  | note 15 to .8 - 1.8mm         | 4/25/18 | MW  |
| C   | 22443  | ADDED BOTTOM VIEW             | 8/12/16 | MJR |
| B   | 21595  | CHANGE NOTE 19: IP67 WAS IP65 | 9/25/14 | EBP |
| REV | PCR NO | DESCRIPTION                   | DATE    | BY  |



|                             |          |     |          |     |
|-----------------------------|----------|-----|----------|-----|
| TITLE RP8100B1M1CEBLKREDRED |          |     |          |     |
| SCALE                       | DATE     | DR  | DWG      | REV |
| 3:2                         | 6/8/2011 | BLR | ST081048 | D   |

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