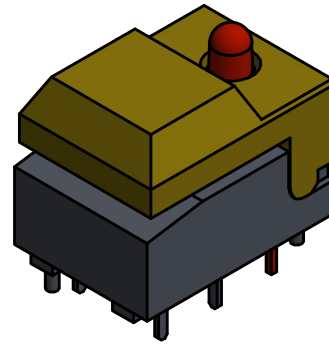
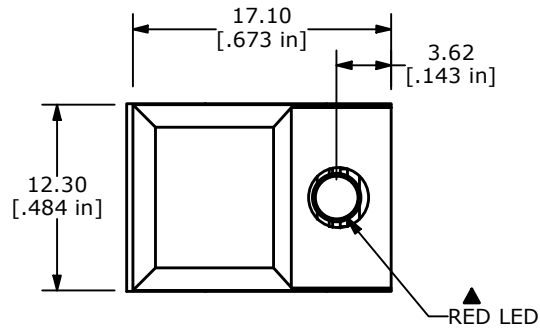
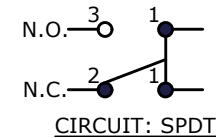
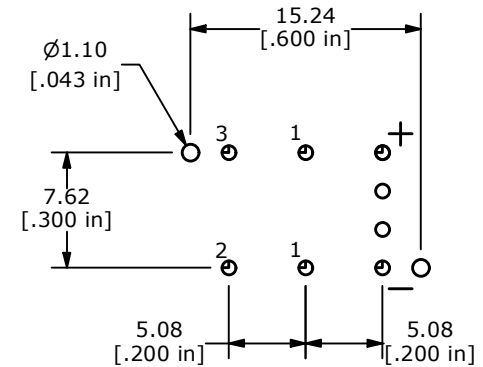
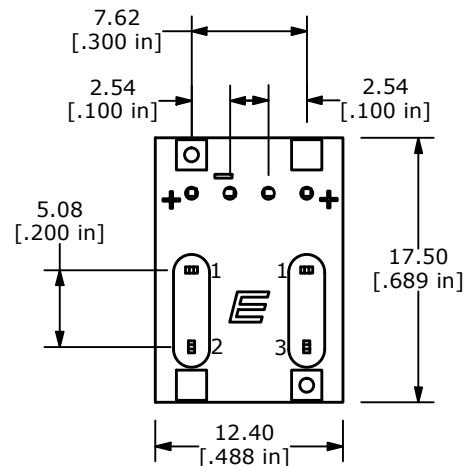
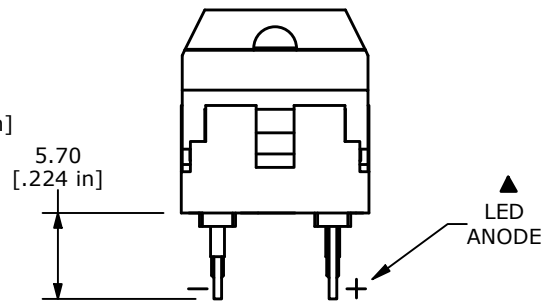
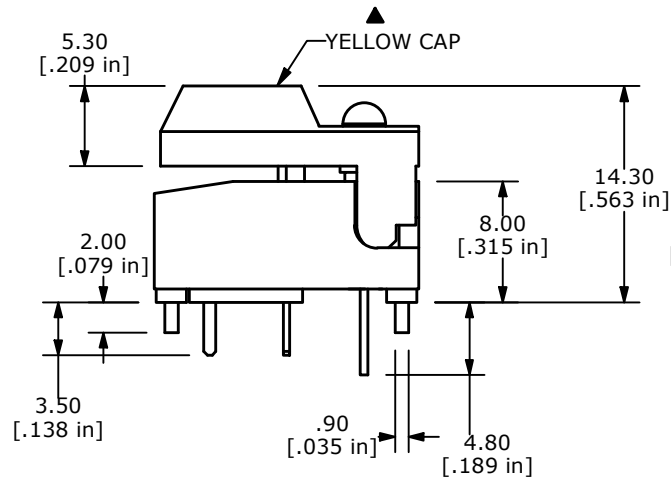


## RED LED



| PARAMETERS           | SYMBOL          | MAX.<br>MIN. | TYP. | UNITS |
|----------------------|-----------------|--------------|------|-------|
| POWER DISSIPATION    | P <sub>D</sub>  | 80<br>--     |      | mW    |
| FORWARD VOLTAGE      | V <sub>F</sub>  | 2.8<br>1.9   | 2.2  | V     |
| REVERSE VOLTAGE      | V <sub>R</sub>  | 5            |      | V     |
| EMISSION WAVELENGTH  | λ <sub>P</sub>  |              | 695  | nm    |
| AVE. FORWARD CURRENT | I <sub>AF</sub> | 30<br>--     |      | mA    |
| LUMINOUS INTENSITY   | I <sub>v</sub>  | 0.7          | 22   | mcd   |



## NOTE:

- ALL DIMENSIONS IN MM [INCH]
- GENERAL TOLERANCE: X.X=±0.4  
X.XX=±0.25
- TERMINAL NUMBERS FOR REF ONLY
- RATINGS: 12mA @ 12VDC
- CONTACTS: FIXED AND MOVING:  
COPPER ALLOY W/GOLD PLATE
- OPERATING FORCE: 170 +/- 50 grams
- OPERATING TRAVEL: 2.5MM ± 0.5MM
- ▲ DENOTES CRITICAL PARAMETER.
- OPERATING LIFE: 500,000 CYCLES MIN.
- CONTACT RESISTANCE: 500HMS MAX (INITIAL)
- INSULATING RESISTANCE: 100M OHM MIN
- OPERATING TEMP.: -10°C TO 60°C



E-SWITCH®

|     |        |                       |          |    |
|-----|--------|-----------------------|----------|----|
| B   | 21679  | RECREATED IN INVENTOR | 10/24/14 | AS |
| 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 5501M31

SCALE 1:1

DATE 10/24/2014

DR AS

DWG XR0214P

REV B