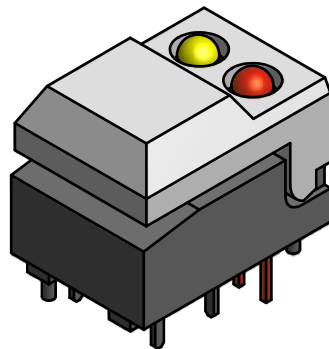
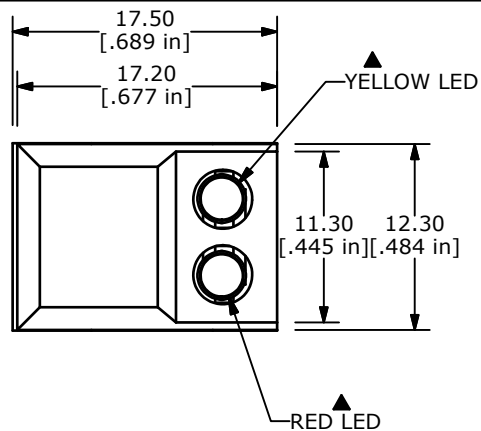
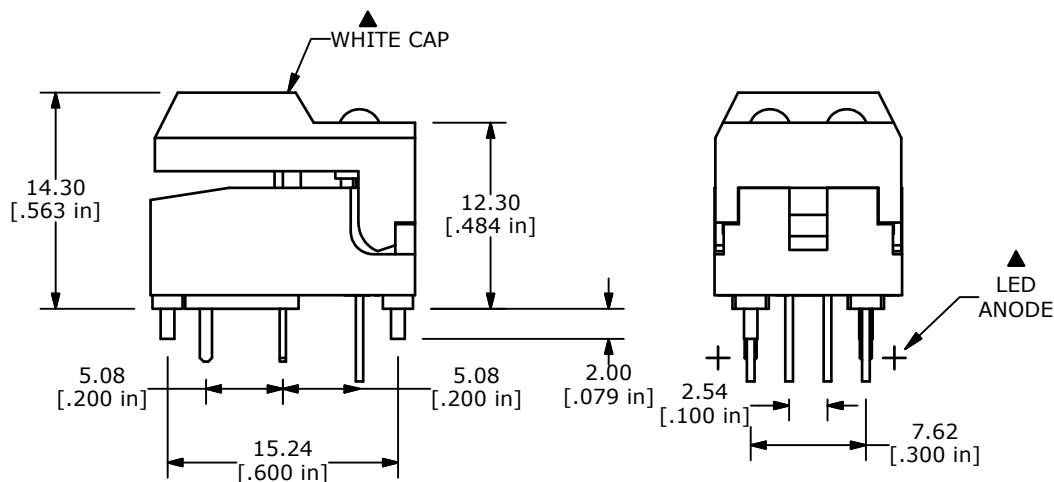




## YELLOW

| PARAMETERS           | SYMBOL          | MAX. | MIN. | TYP. | UNITS |
|----------------------|-----------------|------|------|------|-------|
| POWER DISSIPATION    | P <sub>D</sub>  | 100  | --   |      | mW    |
| AVE FORWARD CURRENT  | I <sub>AF</sub> | --   | --   |      | mA    |
| PEAK FORWARD CURRENT | I <sub>PF</sub> | 80   | --   |      | mA    |
| FORWARD VOLTAGE      | V <sub>F</sub>  | 2.8  | 1.8  | 2.1  | V     |
| REVERSE VOLTAGE      | V <sub>R</sub>  | 5    | --   |      | V     |
| REVERSE CURRENT      | I <sub>R</sub>  | --   | --   |      | μA    |
| EMISSION WAVELENGTH  | λ <sub>P</sub>  |      |      | 590  | nm    |
| LUMINOUS INTENSITY   | I <sub>F</sub>  |      | 5.0  | 12   | mcd   |

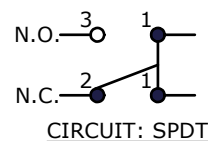
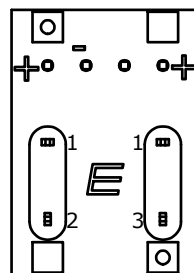


## RED LED

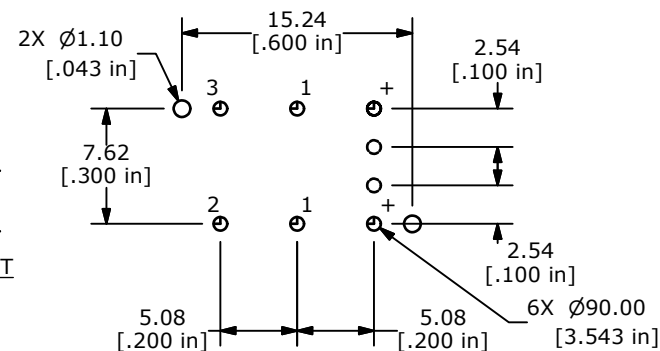
| PARAMETERS           | SYMBOL          | MAX. | MIN. | TYP. | UNITS |
|----------------------|-----------------|------|------|------|-------|
| POWER DISSIPATION    | P <sub>D</sub>  | 80   | --   |      | mW    |
| AVE FORWARD CURRENT  | I <sub>AF</sub> | 30   | --   |      | mA    |
| PEAK FORWARD CURRENT | I <sub>PF</sub> | 80   | --   |      | mA    |
| FORWARD VOLTAGE      | V <sub>F</sub>  | 2.8  | 1.8  | 2.2  | V     |
| REVERSE VOLTAGE      | V <sub>R</sub>  | 5    | --   |      | V     |
| REVERSE CURRENT      | I <sub>R</sub>  | 100  | --   |      | μA    |
| EMISSION WAVELENGTH  | λ <sub>P</sub>  |      |      | 695  | nm    |
| LUMINOUS INTENSITY   | I <sub>F</sub>  |      | 0.7  | 2.2  | mcd   |

## 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. RATINGS: 12mA @ 12VDC
5. CONTACTS: FIXED AND MOVING:  
COPPER ALLOY W/GOLD PLATE
6. OPERATING FORCE: 170 +/- 50 grams
7. OPERATING TRAVEL: 2.5MM ± 0.5MM
8. ▲ DENOTES CRITICAL PARAMETER.
9. OPERATING LIFE: 500,000 CYCLES MIN.
10. CONTACT RESISTANCE: 500HMS MAX (INITIAL)
11. INSULATING RESISTANCE: 100M OHM MIN
12. OPERATING TEMP.: -10°C TO 60°C



CIRCUIT: SPDT



TITLE 5501MGRYYELGRN

|     |        |                       |          |    |
|-----|--------|-----------------------|----------|----|
| B   | 21701  | CONVERTED TO INVENTOR | 10/27/14 | AS |
| REV | PCR NO | DESCRIPTION           | DATE     | BY |

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TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

|       |            |    |         |     |
|-------|------------|----|---------|-----|
| SCALE | DATE       | DR | DWG     | REV |
| 1:1   | 10/27/2014 | AS | XR0238P | B   |

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