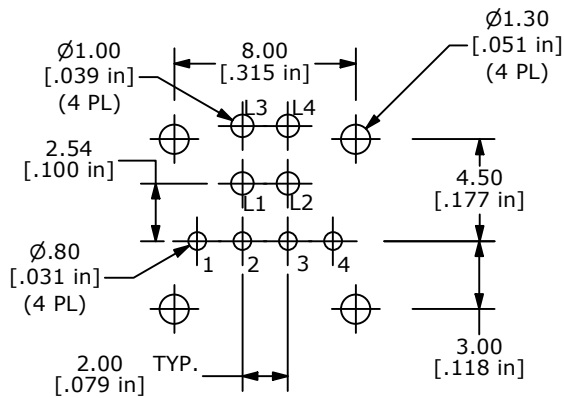
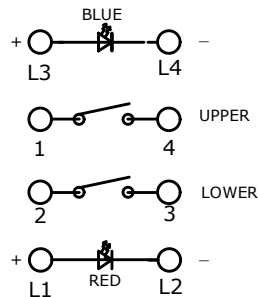


| LED SPECS          | UNITS | BLUE              | RED               |
|--------------------|-------|-------------------|-------------------|
| FORWARD CURRENT    | mA    | 20                | 20                |
| FORWARD VOLTAGE    | V     | 3.3 TYP - 4.0 MAX | 1.9 TYP - 2.5 MAX |
| LUMINOUS INTENSITY | mcd   | 1000 TYP          | 4000 TYP          |



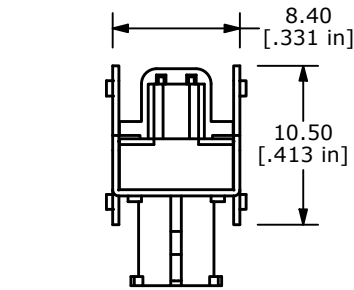
RECOMMENDED PCB LAYOUT



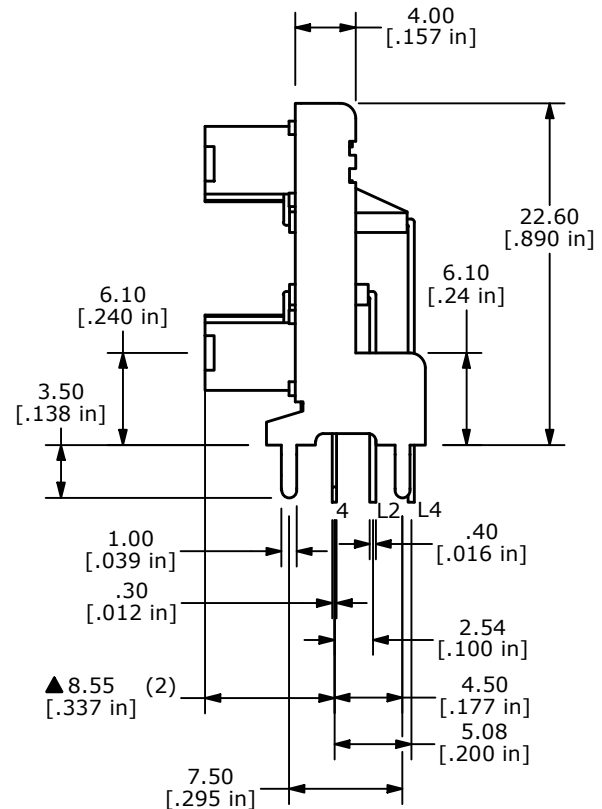
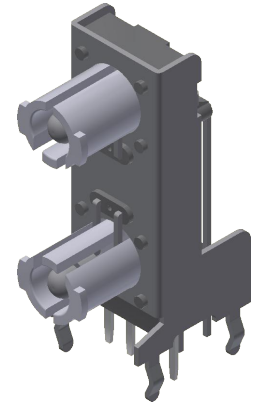
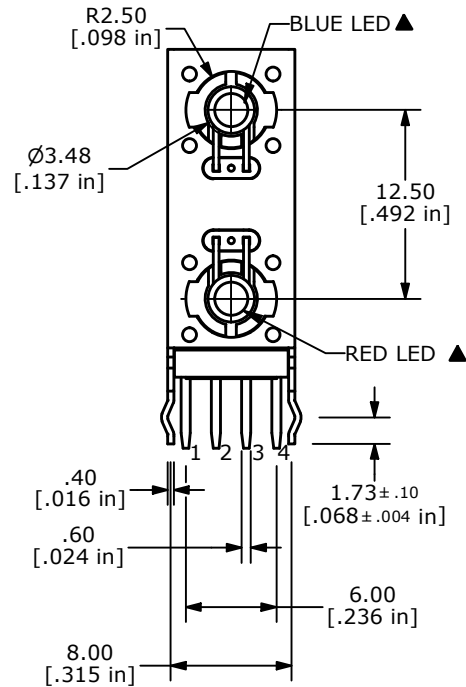
▲CIRCUIT DIAGRAM

## NOTES:

- ALL DIMENSIONS IN MM
- GENERAL TOLERANCE: X.X=±0.4  
X.XX=±0.25
- TERM. NOS. FOR REFERENCE ONLY.
- CONTACT RATING: 50mA @12VDC
- TRAVEL: 0.25 +0.2/-0.1mm
- CONTACT RESISTANCE: 100 Milli-Ohms Max.
- OPERATING FORCE: 160 ± 50gf
- CONTACT MATERIAL: SILVER
- MECHANICAL LIFE: 500,000 CYCLES
- OPERATING TEMP: -20°C TO 70°C
- ▲ DENOTES CRITICAL PARAMETER.
- PACKAGE: TRAY



6.00  
[.236 in]



| REV | ECO NO     | DESCRIPTION                     | DATE     | BY |
|-----|------------|---------------------------------|----------|----|
| B   | ECO-102232 | NOTE 12 REMOVE PACKAGE QUANTITY | 09/13/23 | JS |
|     |            |                                 |          |    |
|     |            |                                 |          |    |



E-SWITCH®

OBJECT ID  
000006185

TITLE TL3253BBNBRNF160Q

SCALE 2:1

DATE 5/10/2012

DR rc

DWG B060005

REV B

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