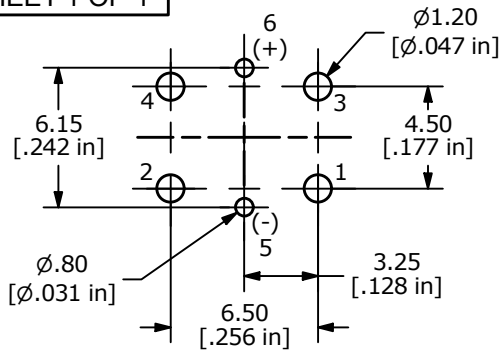
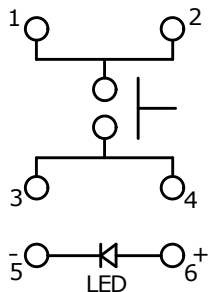




## RECOMMENDED PCB LAYOUT

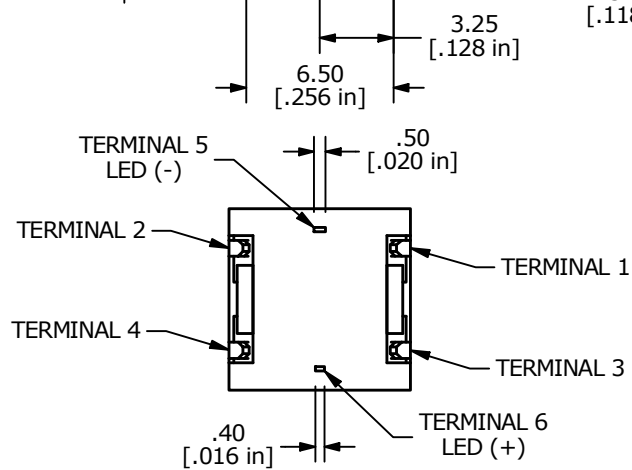
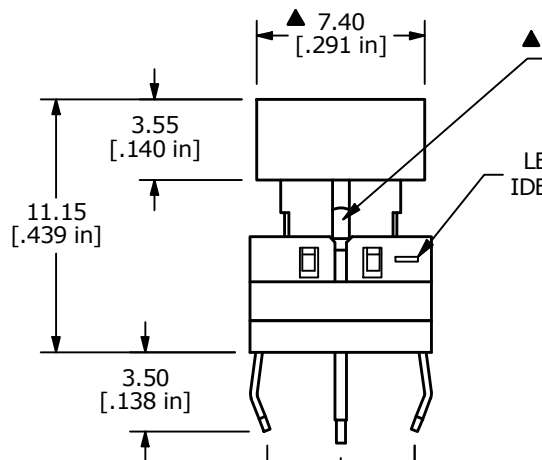
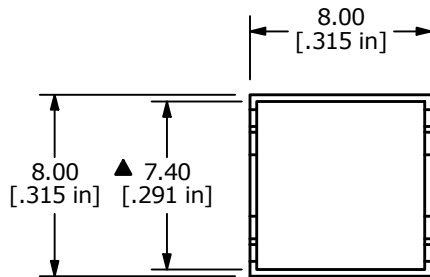


CIRCUIT: SPST

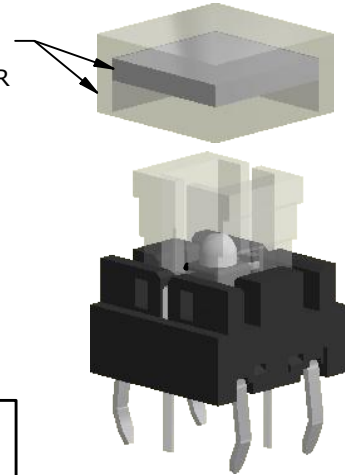
NOTE:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X =  $\pm 0.4$   
X.XX =  $\pm 0.25$
3. TERMINAL NUMBERS FOR REF ONLY
4. CONTACT MATERIAL: SILVER
5. RATING: 50mA @ 12 VDC
6. CYCLE LIFE: 100,000 MAKE-AND-BREAK CYCLES
7. INSULATION RESISTANCE: 100 M $\Omega$  MIN.
8. DIELECTRIC STRENGTH: 250V RMS
9. CONTACT RESISTANCE: 100m $\Omega$  MAX.
10. OPERATING TEMP.: -25°C to 70°C
11. ▲ DENOTES CRITICAL PARAMETER.

- ▲ 12. LED COLOR: GREEN  
13. TRAVEL: 0.25 ± 0.10mm  
14. ACTUATION FORCE: 350 ±100gf  
▲ 15. PACKAGE: CAPS and DIFFUSERS TO BE SHIPPED IN BULK IN A PLASTIC BAG SEPARATE FROM THE SWITCH.  
(CAPS and DIFFUSERS TO BE ASSEMBLED TO THE SWITCH AFTER SOLDERING BY THE END USER)



▲ CAPS AND DIFFUSERS  
TO BE ASSEMBLED  
ONTO SWITCH AFTER  
SOLDERING BY END USER



▲ CAP COLOR:  
TRANSPARENT  
(7.40 SQUARE)

▲ LED COLOR:  
GREEN

## LED POLARITY IDENTIFICATION

| LED<br>PARAMETER | FORWARD<br>CURRENT | FORWARD<br>VOLTAGE<br>@ 20mA | LUMINOUS<br>INTENSITY |
|------------------|--------------------|------------------------------|-----------------------|
| UNITS            | mA                 | V                            | mcd                   |
| GREEN            | 20                 | 3.5 TYP. -<br>3.8 MAX.       | 1300 TYP.             |



E♦SWITCH®

|     |        |             |          |    |
|-----|--------|-------------|----------|----|
| A   | 24643  | RELEASE     | 12/14/20 | MW |
| REV | PCR NO | DESCRIPTION | DATE     | BY |

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

|       |               |
|-------|---------------|
| TITLE | TL6275BA2PQSG |
|-------|---------------|

SCALE  
3:1

DATE 12/14/2020

|    |    |
|----|----|
| DR | MW |
|----|----|

DWG T062784

REV  
A