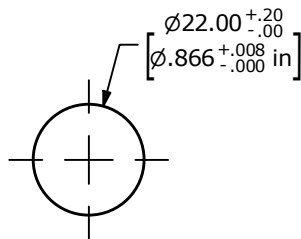


SCHEMATIC  
ON - OFF / OFF - ON - SPDT ILLUMINATED

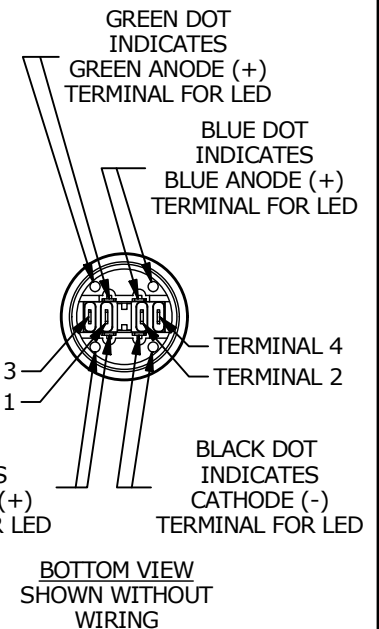
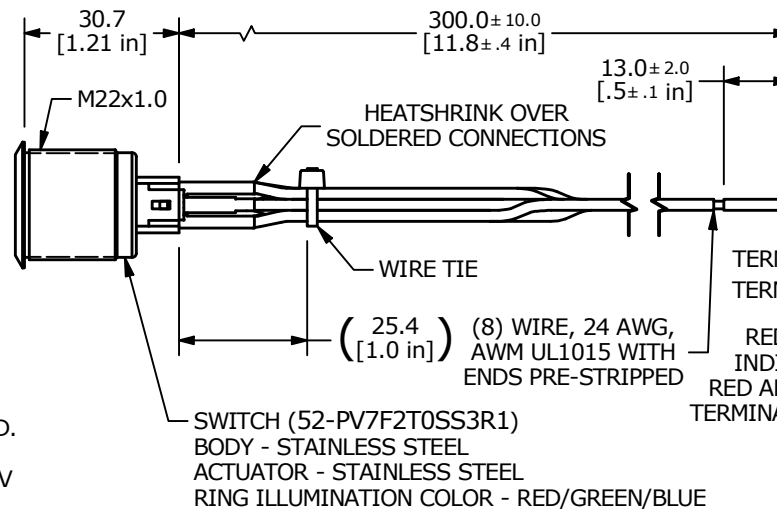
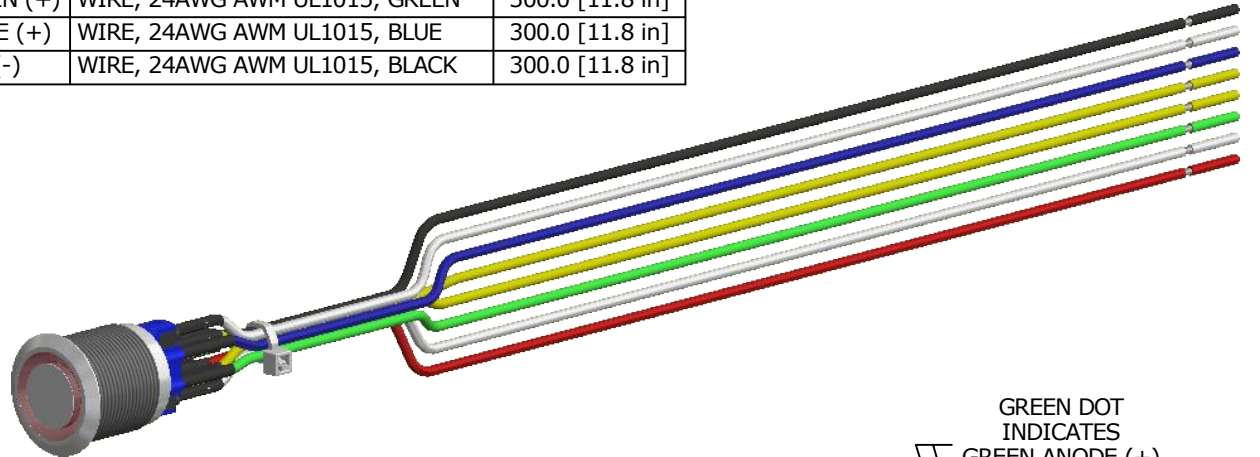


RECOMMENDED PANEL CUTOUT  
MAX. PANEL THICKNESS 12.0 [.47 in]

## NOTES:

1. DIMENSIONS IN MM [INCH]
2. ALL MATERIAL SHALL BE ROHS COMPLIANT
3. TERMINAL NUMBERS FOR REF. ONLY
4. CONTACT MATERIAL: SILVER
5. RATING: 2A 48VDC
6. CONTACT RESISTANCE: 50mΩ MAX. @ 1A 12VDC
7. INGRESS PROTECTION: IP65
8. ACTUATION FORCE: 4N
9. OPERATING TEMP.: -20°C to 55°C
10. INSULATION RESISTANCE: 1,000 MΩ MIN.
11. DIELECTRIC STRENGTH: 2,000 VAC MIN. FOR 1 MINUTE
12. ELECTRIC LIFE: 50,000 MAKE-AND-BREAK CYCLES AT FULL LOAD.
13. ▲ DENOTES CRITICAL PARAMETER.
- ▲ 14. ILLUMINATION VOLTAGE: RED - 1.8V, GREEN - 2.8V, BLUE - 2.8V
- ▲ 15. SUPPLIED HARDWARE: O-RING AND HEXNUT
16. USE PART NUMBERS DESIGNATED OR ENGINEERING APPROVED EQUIVALENTS.

| SWITCH        | WIRE                           | LENGTH          |
|---------------|--------------------------------|-----------------|
| SW1-1         | WIRE, 24AWG AWM UL1015, WHITE  | 300.0 [11.8 in] |
| SW1-2         | WIRE, 24AWG AWM UL1015, WHITE  | 300.0 [11.8 in] |
| SW1-3         | WIRE, 24AWG AWM UL1015, YELLOW | 300.0 [11.8 in] |
| SW1-4         | WIRE, 24AWG AWM UL1015, YELLOW | 300.0 [11.8 in] |
| SW1-RED (+)   | WIRE, 24AWG AWM UL1015, RED    | 300.0 [11.8 in] |
| SW1-GREEN (+) | WIRE, 24AWG AWM UL1015, GREEN  | 300.0 [11.8 in] |
| SW1-BLUE (+)  | WIRE, 24AWG AWM UL1015, BLUE   | 300.0 [11.8 in] |
| SW1- (-)      | WIRE, 24AWG AWM UL1015, BLACK  | 300.0 [11.8 in] |



BOTTOM VIEW  
SHOWN WITHOUT  
WIRING



E-SWITCH®

OBJECT ID  
000003047

|     |        |                                 |         |     |
|-----|--------|---------------------------------|---------|-----|
| E   | 23994  | UPDATED NOTES                   | 8/13/19 | MJR |
| D   | 23869  | UPDATED HEATSHRINK DIM. TO 15.0 | 5/1/19  | MJR |
| 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 PV7FWT0SS-3R1

|              |                   |           |                        |          |
|--------------|-------------------|-----------|------------------------|----------|
| SCALE<br>2:3 | DATE<br>1/18/2019 | DR<br>MJR | DWG<br>52-PV7FWT0SS3R1 | REV<br>E |
|--------------|-------------------|-----------|------------------------|----------|

# Mouser Electronics

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