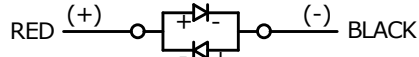


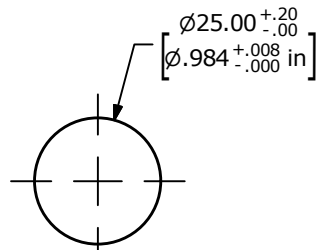
RED (FORWARD)



RED (REVERSE)

SCHEMATIC

OFF - ON / ON - OFF - DPDT ILLUMINATED

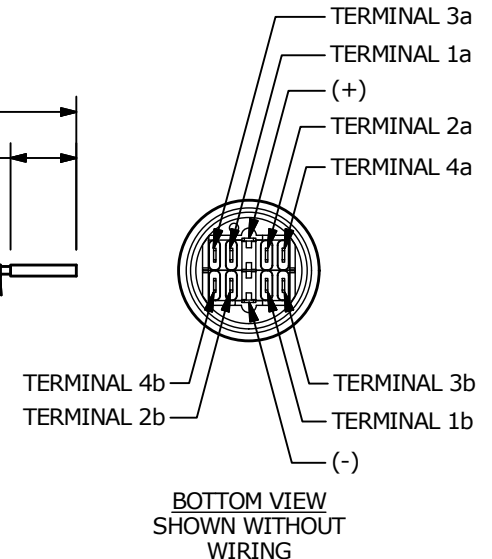
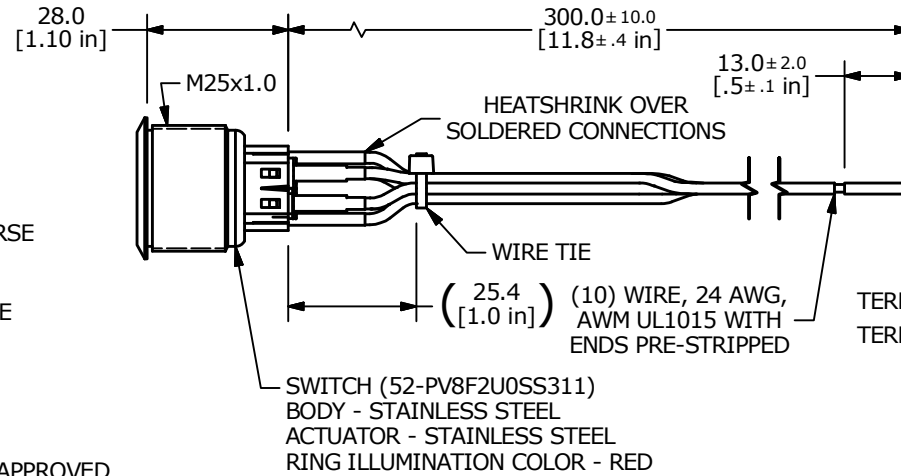
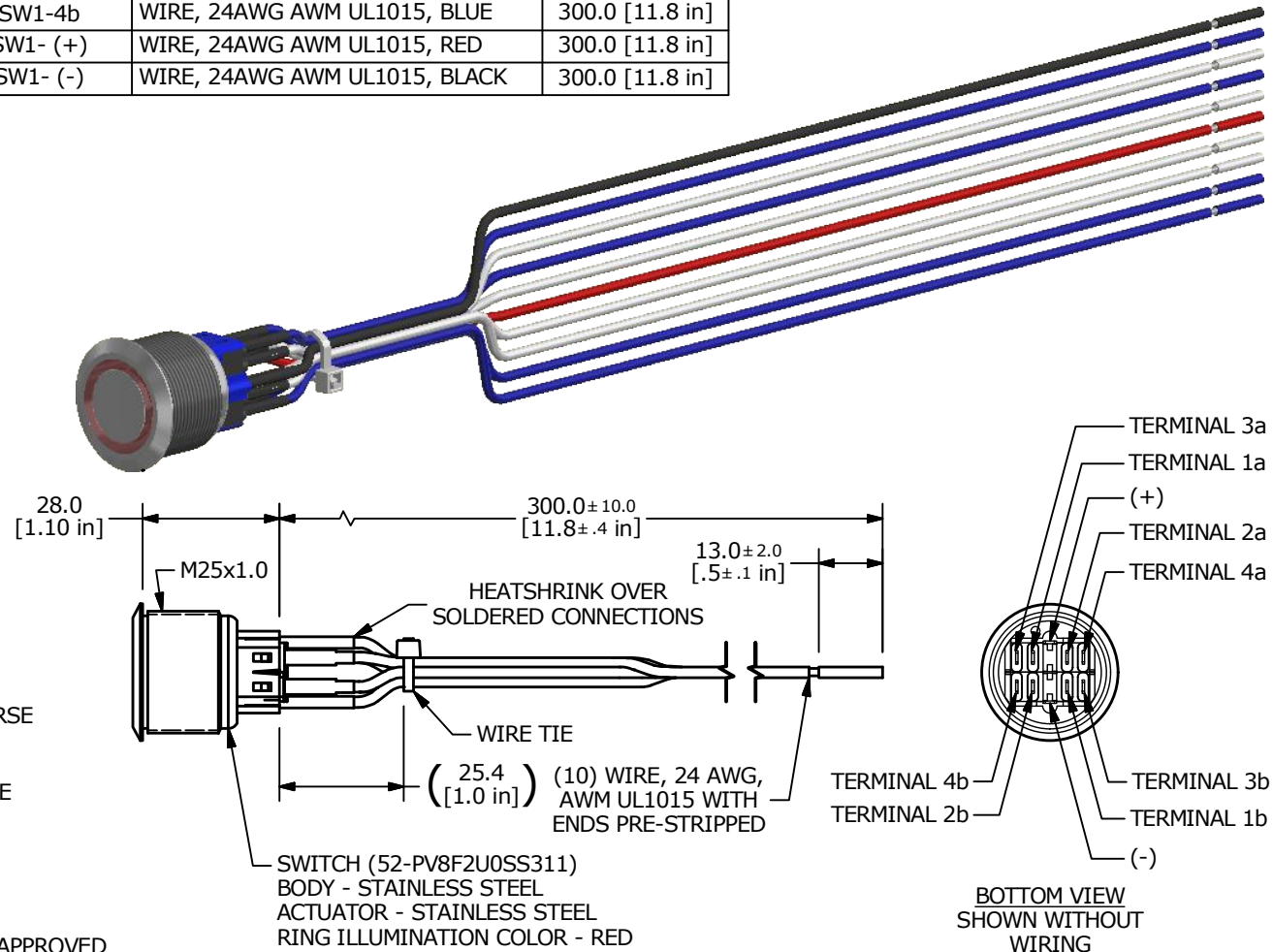


RECOMMENDED PANEL CUTOUT  
MAX. PANEL THICKNESS 12.0 [.47 in]

## NOTES:

1. DIMENSIONS IN MM [INCH]
2. ALL MATERIAL SHALL BE ROHS COMPLIANT
3. TERMINAL NUMBERS FOR REF. ONLY
4. RATING: 2A @ 48VDC
- ▲ 5. ILLUMINATION VOLTAGE: 1.8V FORWARD, 1.8V REVERSE
6. CONTACT RESISTANCE: 50mΩ MAX. @ 1A 12VDC
7. INSULATION RESISTANCE: 1,000MΩ @ 500VDC
8. DIELECTRIC STRENGTH: 2,000VAC MIN. FOR 1 MINUTE
9. ELECTRICAL LIFE: 50,000 CYCLES
10. OPERATING TEMPERATURE: -20°C to 55°C
11. INGRESS PROTECTION: IP65
12. ▲ DENOTES CRITICAL PARAMETER.
- ▲ 13. SUPPLIED HARDWARE: O-RING AND HEXNUT
14. USE PART NUMBERS DESIGNATED OR ENGINEERING APPROVED EQUIVALENTS.

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



BOTTOM VIEW  
SHOWN WITHOUT  
WIRING



E-SWITCH®

TITLE PV8FWU0SS-311

SCALE

2:3

DATE

1/21/2019

DR

MJR

DWG

52-PV8FWU0SS311

REV

D

|     |        |                                 |         |     |
|-----|--------|---------------------------------|---------|-----|
| D   | 23995  | UPDATED NOTES                   | 8/13/19 | MJR |
| C   | 23870  | UPDATED HEATSHRINK DIM. TO 15.0 | 5/1/19  | MJR |
| REV | PCR NO | DESCRIPTION                     | DATE    | BY  |

# Mouser Electronics

Authorized Distributor

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