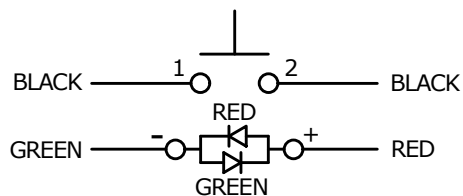
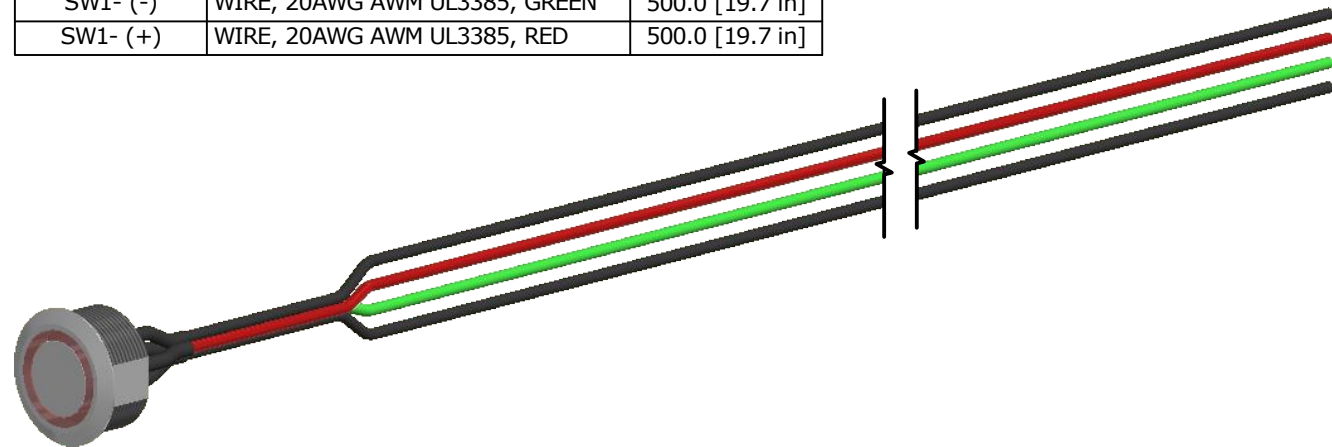


| SWITCH   | WIRE                          | LENGTH          |
|----------|-------------------------------|-----------------|
| SW1-1    | WIRE, 20AWG AWM UL3385, BLACK | 500.0 [19.7 in] |
| SW1-2    | WIRE, 20AWG AWM UL3385, BLACK | 500.0 [19.7 in] |
| SW1- (-) | WIRE, 20AWG AWM UL3385, GREEN | 500.0 [19.7 in] |
| SW1- (+) | WIRE, 20AWG AWM UL3385, RED   | 500.0 [19.7 in] |



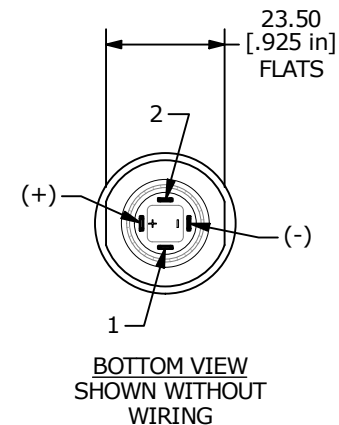
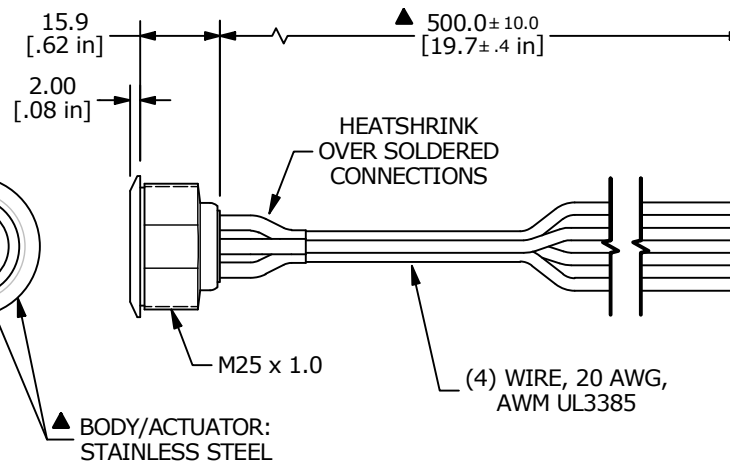
**SCHEMATIC**  
SPST - OFF-(ON)  
( ) DENOTES MOMENTARY

## NOTE:

- ALL DIMENSIONS IN MM [INCH]
- GENERAL TOLERANCE: X.X =  $\pm 0.4$   
X.XX =  $\pm 0.25$
- TERMINAL NUMBERS FOR REF ONLY
- CONTACT MATERIAL: SILVER
- RATING: 2A 36 VDC
- ELECTRIC LIFE: 200,000 CYCLES
- DIELECTRIC STRENGTH: 2,000 VAC MIN. FOR 1 MINUTE
- CONTACT RESISTANCE: 50m $\Omega$  MAX. @ 1A 12VDC
- OPERATING TEMP.: -20°C to 70°C
- ▲ DENOTES CRITICAL PARAMETER.
- LAMP VOLTAGE: RED 20mA 2.0V typ., GREEN 20mA 3.1V typ.
- TRAVEL: 1.80mm
- ACTUATION FORCE:  $4.5 \pm 1.5$  N
- MOUNTING NUT TORQUE: 1-3 Nm
- INGRESS PROTECTION: IP67
- HARDWARE SUPPLIED: O-RING AND HEXNUT

▲ ILLUMINATED RING  
COLOR: RED / GREEN

Ø28.00  
[Ø1.10 in]  
Ø19.70  
[Ø.776 in]



|     |        |                                      |         |     |
|-----|--------|--------------------------------------|---------|-----|
| C   | 24697  | update cutout                        | 1/20/21 | MW  |
| B   | 24205  | changed description and Lamp Voltage | 2/26/20 | MW  |
| A   | 24091  | NEW RELEASE                          | 11/5/19 | 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 SV8FW3SS-3G1

SCALE  
2:3

DATE  
11/5/2019

DR  
MJR

DWG  
T880500

REV  
C

# Mouser Electronics

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