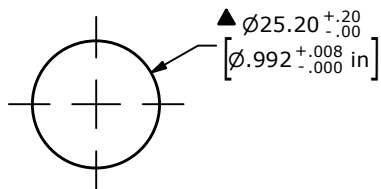
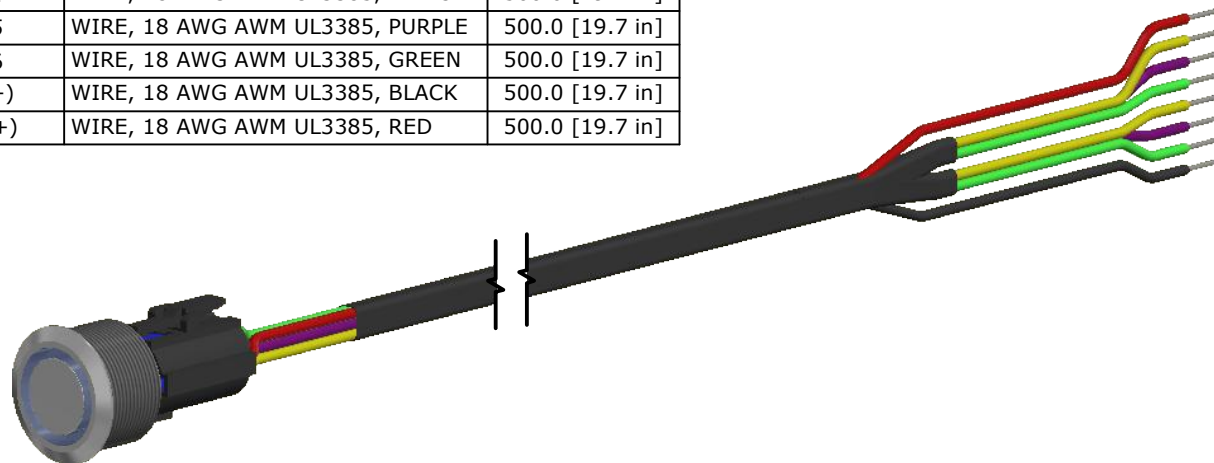


**SCHEMATIC**

ON - (ON) - DPDT ILLUMINATED  
( ) DENOTES MOMENTARY



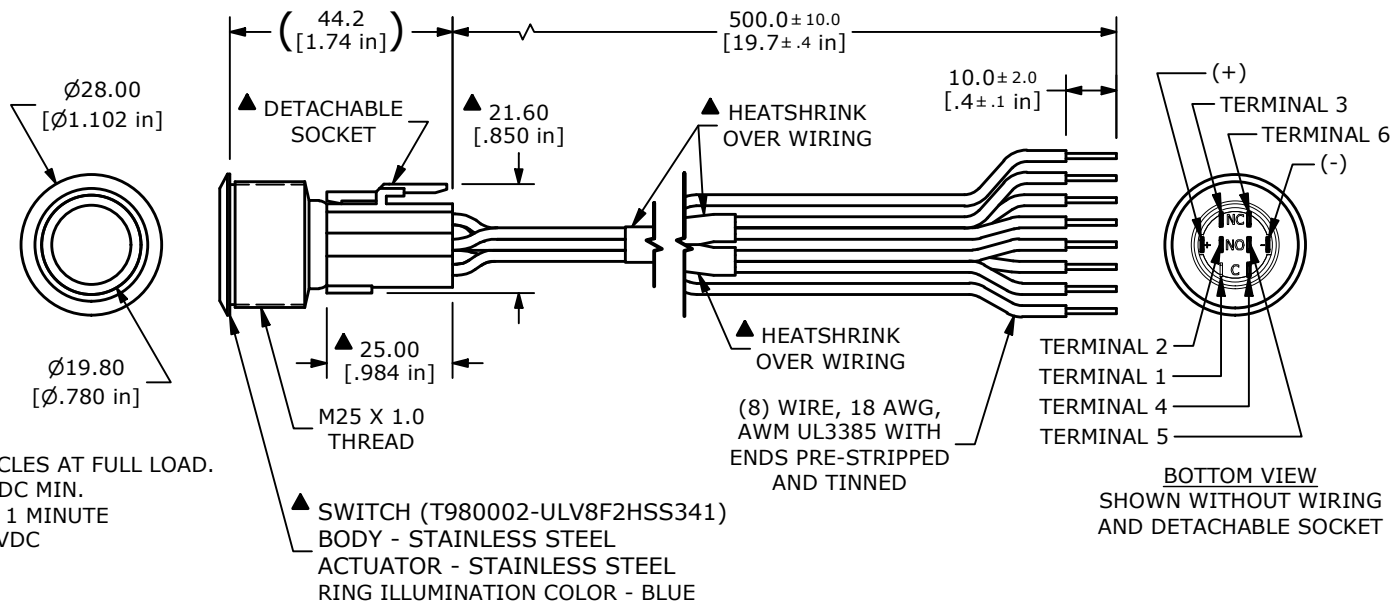
| SWITCH   | WIRE                            | LENGTH          |
|----------|---------------------------------|-----------------|
| SW1-1    | WIRE, 18 AWG AWM UL3385, YELLOW | 500.0 [19.7 in] |
| SW1-2    | WIRE, 18 AWG AWM UL3385, PURPLE | 500.0 [19.7 in] |
| SW1-3    | WIRE, 18 AWG AWM UL3385, GREEN  | 500.0 [19.7 in] |
| SW1-4    | WIRE, 18 AWG AWM UL3385, YELLOW | 500.0 [19.7 in] |
| SW1-5    | WIRE, 18 AWG AWM UL3385, PURPLE | 500.0 [19.7 in] |
| SW1-6    | WIRE, 18 AWG AWM UL3385, GREEN  | 500.0 [19.7 in] |
| SW1- (-) | WIRE, 18 AWG AWM UL3385, BLACK  | 500.0 [19.7 in] |
| SW1- (+) | WIRE, 18 AWG AWM UL3385, RED    | 500.0 [19.7 in] |



**RECOMMENDED PANEL CUTOUT**  
MAX. PANEL THICKNESS 10.0 [.39 in]

**NOTES:**

1. DIMENSIONS IN MM [INCH]
2. ALL MATERIAL SHALL BE ROHS COMPLIANT
3. GENERAL TOLERANCE: X.X = ±0.4  
X.XX = ±0.25
4. TERMINAL NUMBERS FOR REF ONLY
5. CONTACT MATERIAL: SILVER
6. RATING: 3A 250 VAC cUL
7. OPERATING TEMP.: -20°C to 55°C
- ▲ 8. LAMP VOLTAGE: 20mA 3V
9. TRAVEL: 3.2mm
10. ACTUATION FORCE: 3.5 ±1.0 N
11. MOUNTING NUT TORQUE: 5-14 Nm
12. INGRESS PROTECTION: IP67
13. MECHANICAL LIFE: 1,000,000 CYCLES.
14. ELECTRIC LIFE: 50,000 MAKE-AND-BREAK CYCLES AT FULL LOAD.
15. INSULATION RESISTANCE: 1,000 MΩ @ 500VDC MIN.
16. DIELECTRIC STRENGTH: 2,000 VAC MIN. FOR 1 MINUTE
17. CONTACT RESISTANCE: 50mΩ MAX. @ 1A 12VDC
- ▲ 18. ▲ DENOTES CRITICAL PARAMETER.
- ▲ 19. SUPPLIED HARDWARE: O-RING AND HEXNUT
- ▲ 20. USE PART NUMBERS DESIGNATED OR ENGINEERING APPROVED EQUIVALENTS.



|     |        |             |        |     |
|-----|--------|-------------|--------|-----|
| A   | 24176  | NEW RELEASE | 4/8/20 | MJR |
| REV | PCR NO | DESCRIPTION | DATE   | BY  |

|                           |          |     |         |     |
|---------------------------|----------|-----|---------|-----|
| TITLE <b>ULV8FPHSS341</b> |          |     |         |     |
| SCALE                     | DATE     | DR  | DWG     | REV |
| 2:3                       | 4/8/2020 | MJR | T980702 | A   |

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