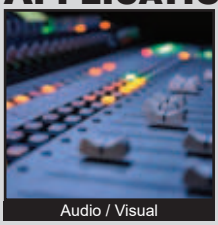
PV4 Series Anti-vandal Switch



Applications / Markets


Audio / Visual


Security Devices


Industrial Controls


Kiosks


Electrical Housewares


Medical Equipment

RoHS

Specifications

Electrical Rating: 2A, 24VDC
Electrical Life: 50,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1000 MΩ Min.
Dielectric Strength: 2,000VAC
Operating/Storage Temperature: -20°C to 55°C
Travel: 2.50mm
Moisture Protection: IP65
Contact Arrangement: SPDT, DPDT
Actuation Force: 4 N
Panel Thickness: 1-11mm
Mounting Nut Torque: 5-14Nm

Features & Benefits

- **19mm diameter panel cutout**
- **RGB LED option**
- **Dot, ring or power symbol illumination available**
- **Multiple function options**
- **IP65 rated**
- **SPDT & DPDT**
- **Soldered wire leads (300mm long) optional**

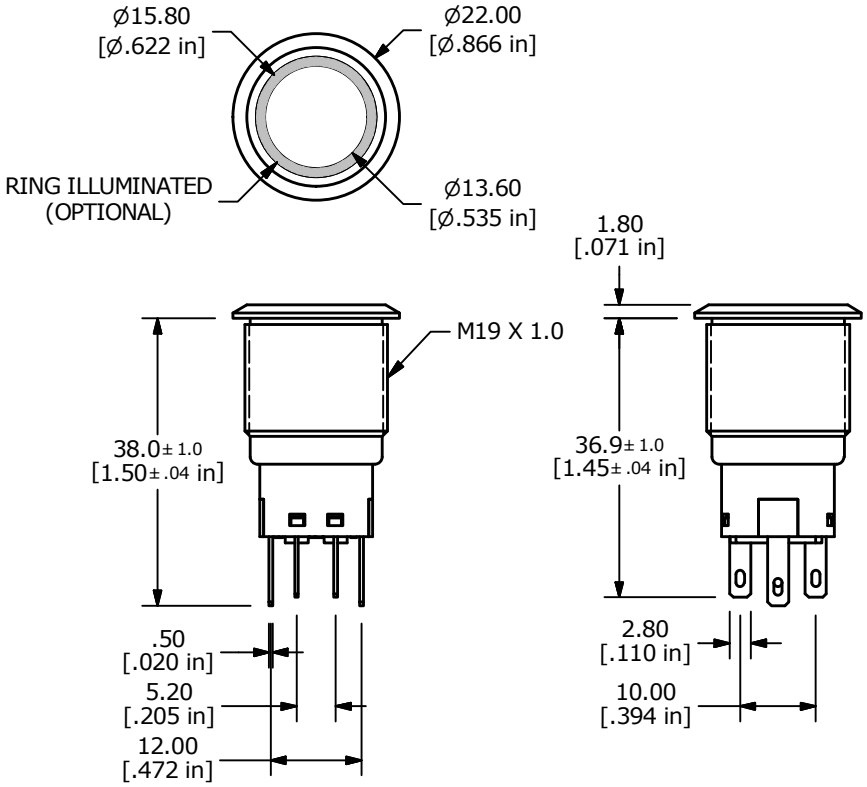
Part Number Configurator

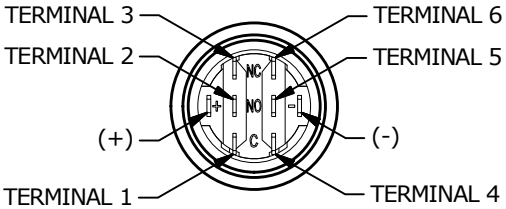
Series	Actuator Options	Terminal Options	Function Options	Rating Options	Body Finish Options	Actuator Finish Options	Contact Material Options	Lens Style Options	LED-Color Options	Illumination Voltage Options	Graphic (Optional)
☐☐☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
PV4	**F** - Flat **H** - High	**2** - Solder **6** - Screw* **W** - Wire Leads 300mm	**3** - 1P On-On **B** - 1P On-(On) **G** - 2P On-On **H** - 2P On-(On) **Y** - Double break 1P Off-(On) 1P On-(Off)	**0** - 2A, 24VDC	**S** - Stainless Steel **1** - Black Anodized	**S** - Stainless Steel **1** - Black Anodized	**None** - Silver **G** - Gold	**NONE** - Non-Illuminated **2** - Dot Illumination **3** - Ring Illumination	**NONE**- Non-Illuminated **0** - White **1** - Red **2** - Orange **3** - Green **4** - Blue **5** - Yellow **F** - Red/Orange **G** - Red/Green **H** - Red/Blue **J** - Red/Yellow **K** - Orange/Green **L** - Orange/Blue **M** - Orange/Yellow **R** - RGB LED***	**NONE** - Non-Illuminated **1** - Base Voltage **3** - 6V **4** - 12V **5** - 24V **6** - 125V **7** - 250V	**M01** - Power symbol laser etched **M26** - Power symbol illuminated**

NOTES:
( ) denotes function is momentary
* Screw termination is available only with "Y" function option
** Illuminated power symbol graphic is only available with ring Illumination
*** RGB is only for SPDT functions 3 and B

Specifications subject to change without notice 5.2.2019

STANDARD LED
FUNCTIONS 3, B, G & H

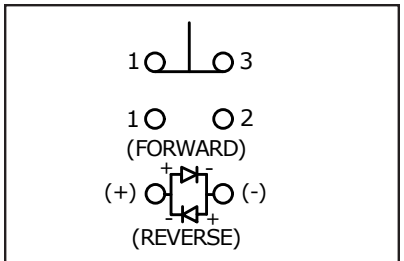




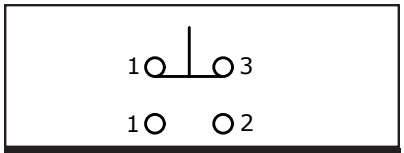
DPDT ILLUMINATED OPTION
SHOWN LED (+) AND (-)
TERMINALS ARE NOT
INCLUDED ON THE
NON-ILLUMINATED OPTION

TERMINALS 4,5 AND 6 ARE
NOT ON THE SPDT VERSION

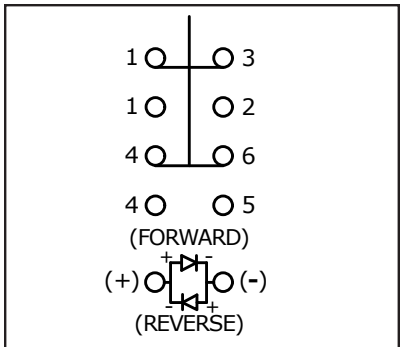
FUNCITONS 3 & B ARE SPDT
FUNCTIONS G & H ARE DPDT



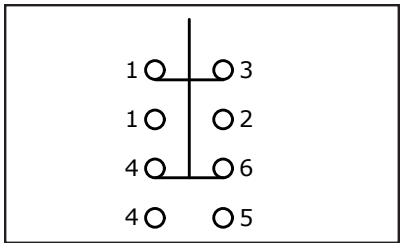
SPDT LED SCHEMATIC



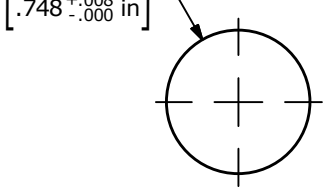
SPDT NON ILL SCHEMATIC



DPDT LED SCHEMATIC

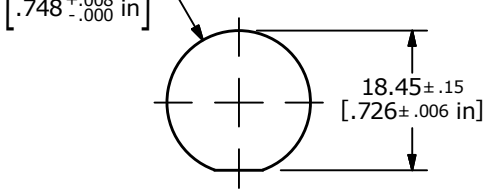


DPDT NON ILL SCHEMATIC



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

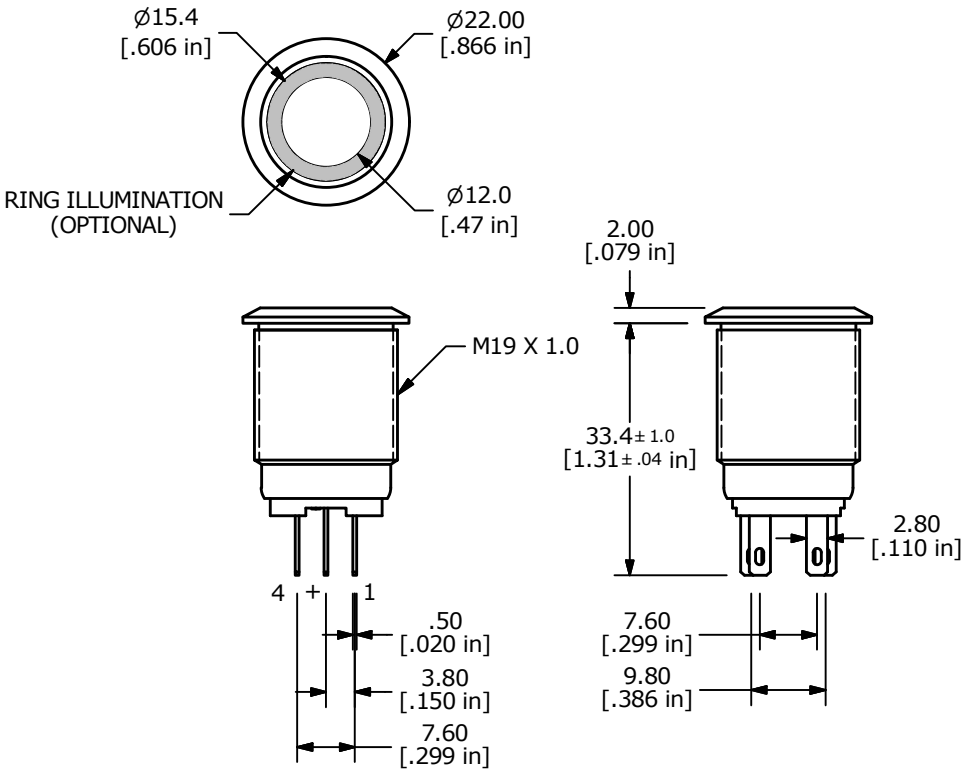
PANEL CUTOUT

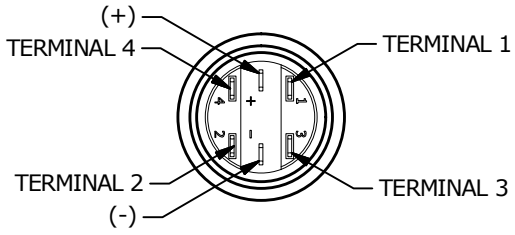


RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

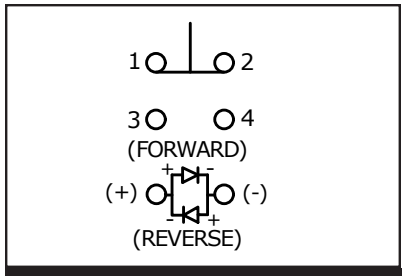
POWER SYMBOL PANEL CUTOUT

Y Function w/ Solder Terminals

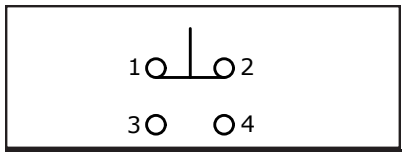




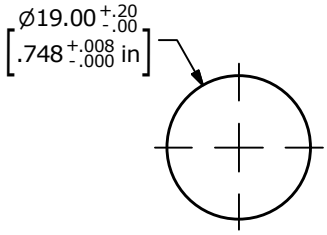
ILLUMINATED OPTION SHOWN LED
(+) AND (-) TERMINALS ARE NOT
ON THE NON-ILLUMINATED OPTION



SPDT LED Schematic

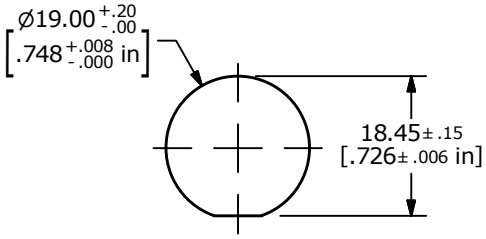


SPDT Non Ill Schematic



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

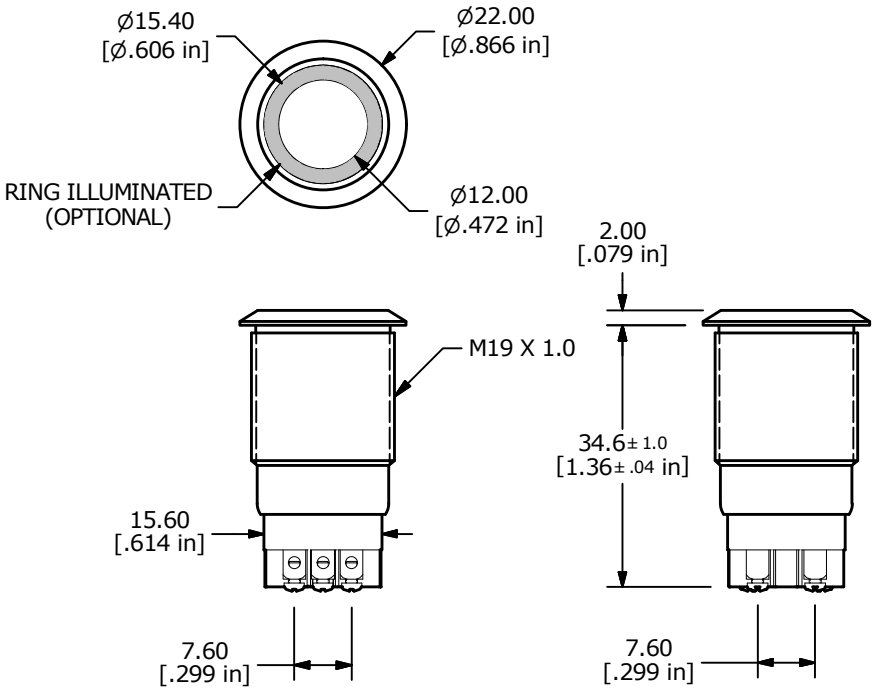
Panel Cutout

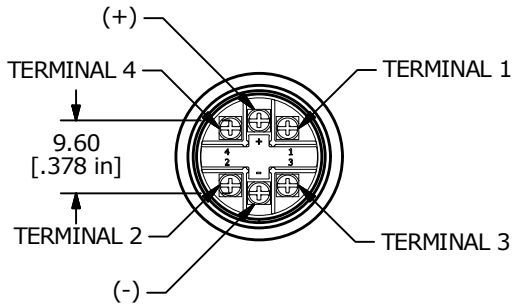


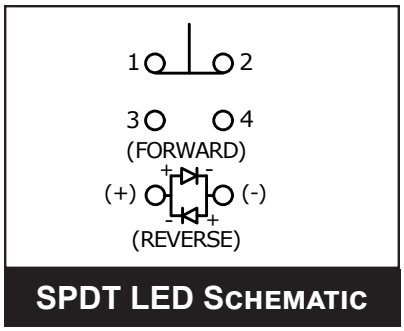
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

Power Symbol Panel Cutout

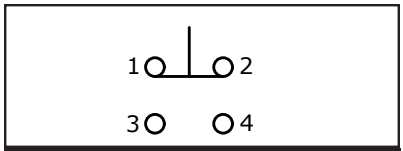
Y Function w/ Screw Terminals



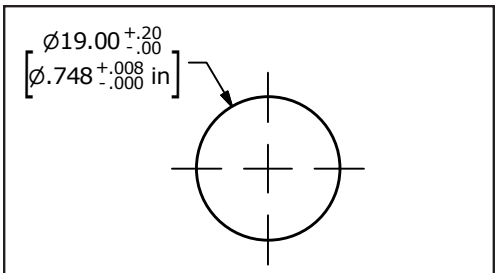




SPDT LED Schematic

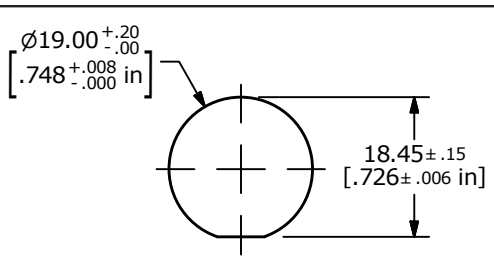


SPDT Non Ill Schematic



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

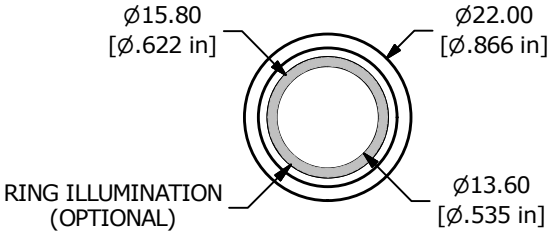
Panel Cutout

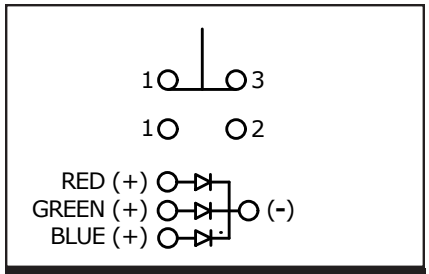


RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

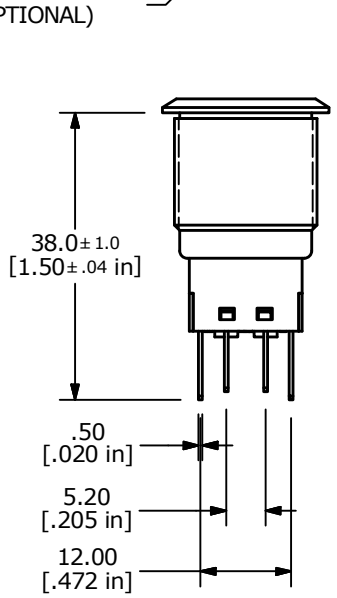
Power Symbol Panel Cutout

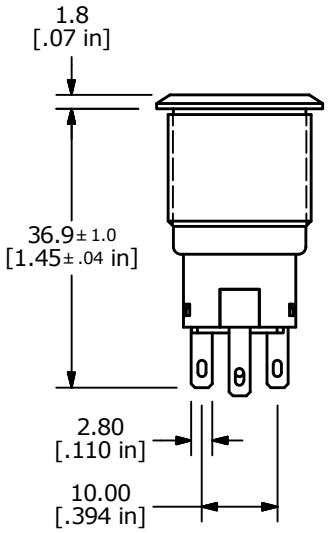
RGB LED Illumination
Functions 3 & B

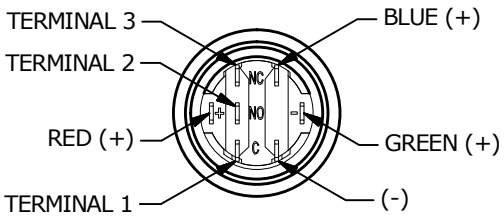


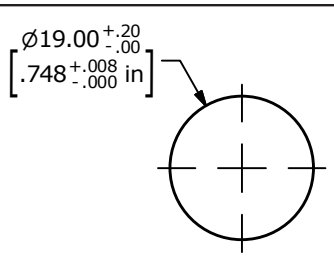


SPDT RGB LED Schematic



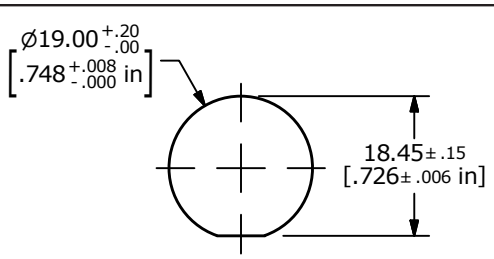






RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

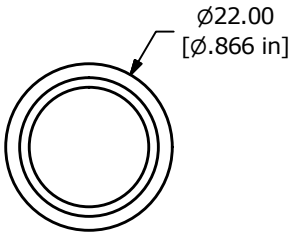
Panel Cutout



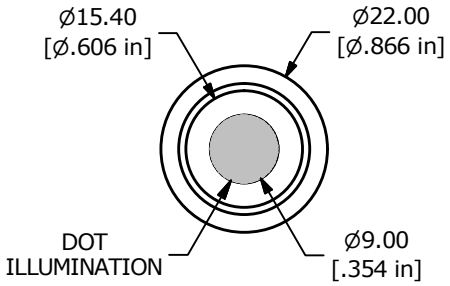
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

Power Symbol Panel Cutout

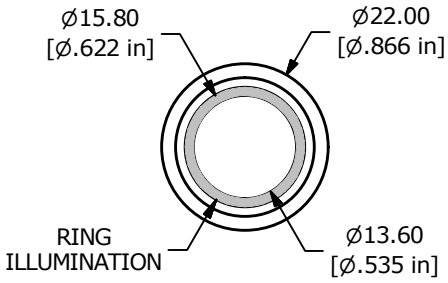
Actuator Options



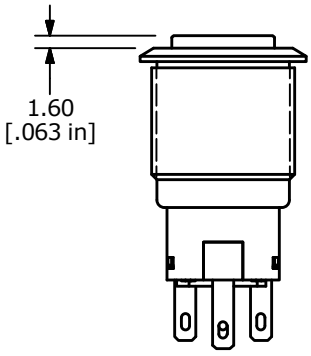
Flat Non-Illuminated



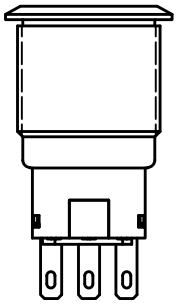
Flat Dot Illuminated



Flat Ring Illuminated

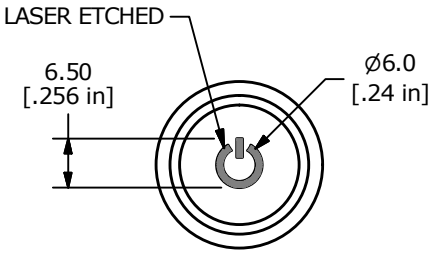


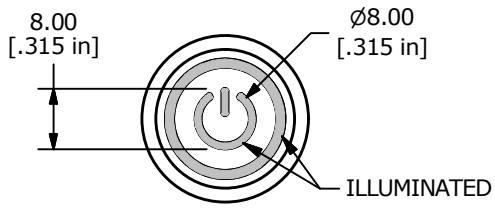
High Actuator

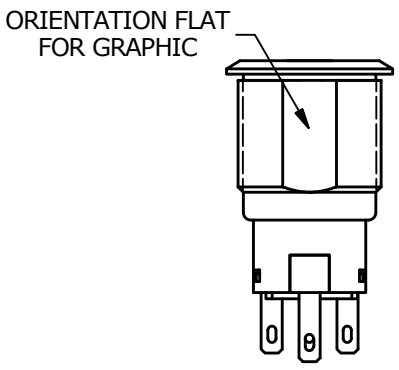


Flat Actuator

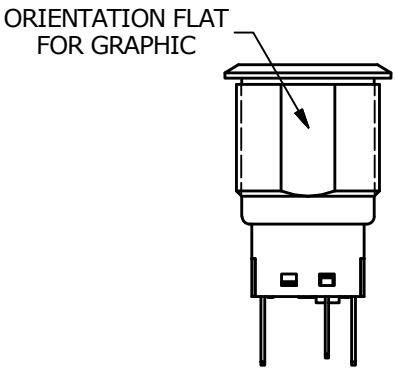
Graphic Options







M01

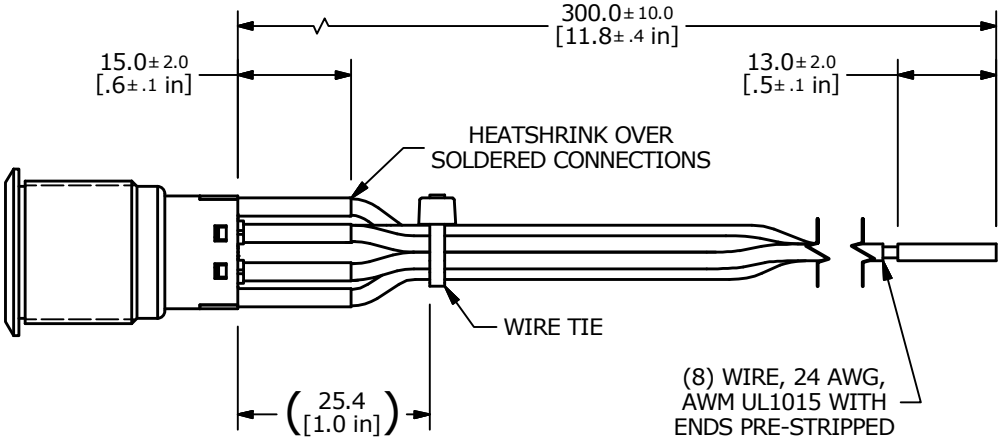


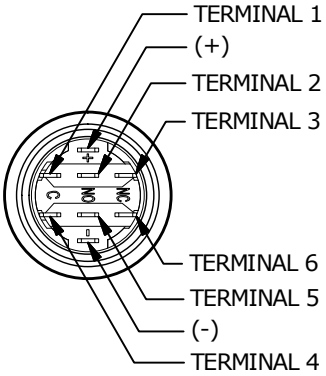
M26

Standard LED Wire Lead

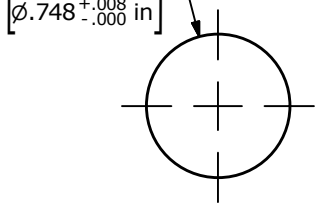
SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, YELLOW	300.0 [11.8 in]
SW1-2	WIRE, 24AWG AWM UL1015, BLUE	300.0 [11.8 in]
SW1-3	WIRE, 24AWG AWM UL1015, GREEN	300.0 [11.8 in]
SW1-4	WIRE, 24AWG AWM UL1015, PURPLE	300.0 [11.8 in]
SW1-5	WIRE, 24AWG AWM UL1015, ORANGE	300.0 [11.8 in]
SW1-6	WIRE, 24AWG AWM UL1015, WHITE	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]

** WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION AND/OR ILLUMINATION SELECTED **



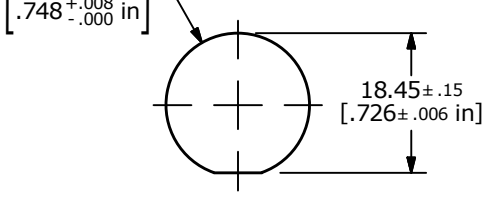


BOTTOM VIEW
SHOWN WITHOUT
WIRING



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

Panel Cutout



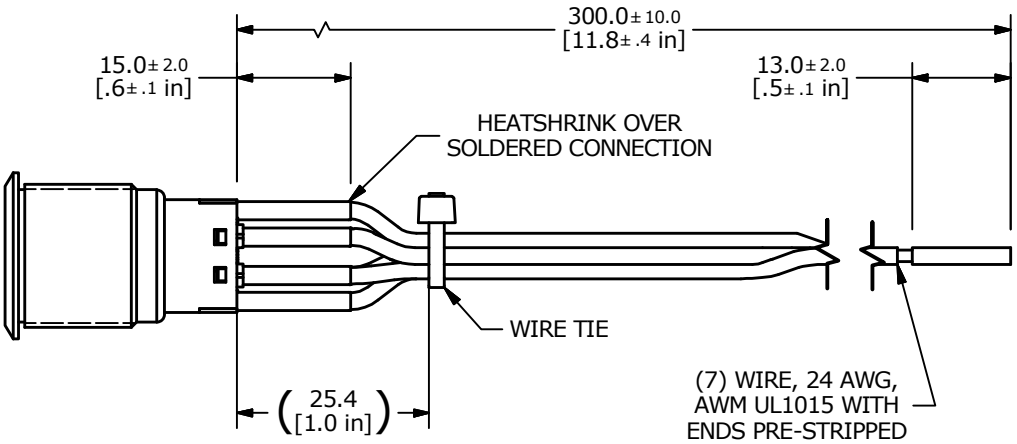
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

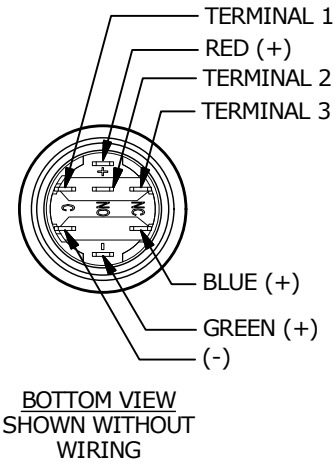
Power Symbol Panel Cutout

RGB LED
WIRE LEAD

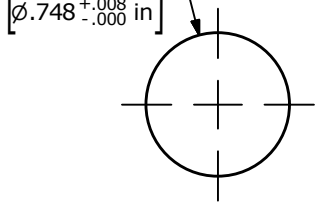
SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, ORANGE	300.0 [11.8 in]
SW1-2	WIRE, 24AWG AWM UL1015, WHITE	300.0 [11.8 in]
SW1-3	WIRE, 24AWG AWM UL1015, YELLOW	300.0 [11.8 in]
SW1-RED (+)	WIRE, 24AWG AWM UL1015, RED	300.0 [11.8 in]
SW1-GREEN (+)	WIRE, 24AWG AWM UL1015, GREEN	300.0 [11.8 in]
SW1-BLUE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

** WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION AND/OR ILLUMINATION SELECTED **



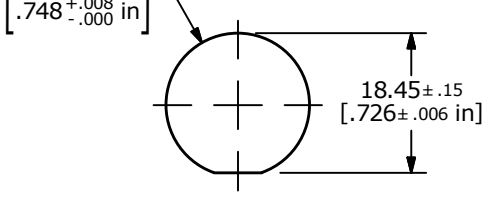


BOTTOM VIEW
SHOWN WITHOUT
WIRING



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm

PANEL CUTOUT



RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 11.0mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT