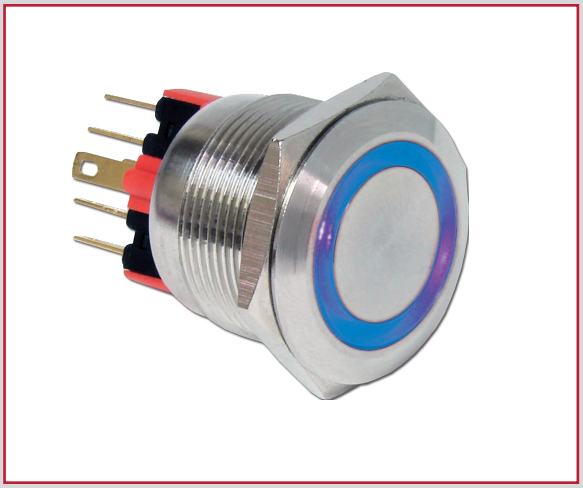
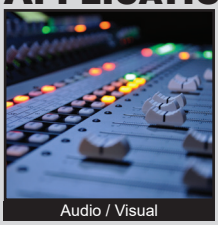
PV7 Series Anti-vandal Switch



Applications / Markets


Audio / Visual


Security Devices


Industrial Controls


Kiosks


Electrical Housewares


Medical Equipment

Specifications

Electrical Rating: 2A, 48VDC
Electrical Life: 50,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1000 MΩ Min. @ 500VDC
Dielectric Strength: 2,000VAC
Operating/Storage Temperature: -35°C to 85°C
Travel: 2.20mm
Moisture Protection: IP65
Contact Arrangement: DPST-NO/NC
Actuation Force: 4 N
Panel Thickness: 1-8mm for Momentary
1-12mm for Latching
Maximum Thread Torque: 5-14Nm
Recommended Mounting Torque: 0.6Nm

Features & Benefits

- **22mm diameter panel cutout**
- **RGB LED option**
- **Dot, ring or power symbol illumination available**
- **Multiple function options**
- **IP65 rated**
- **DPST-NO/NC**
- **Soldered wire leads (300mm long) optional**

Part Number Configurator

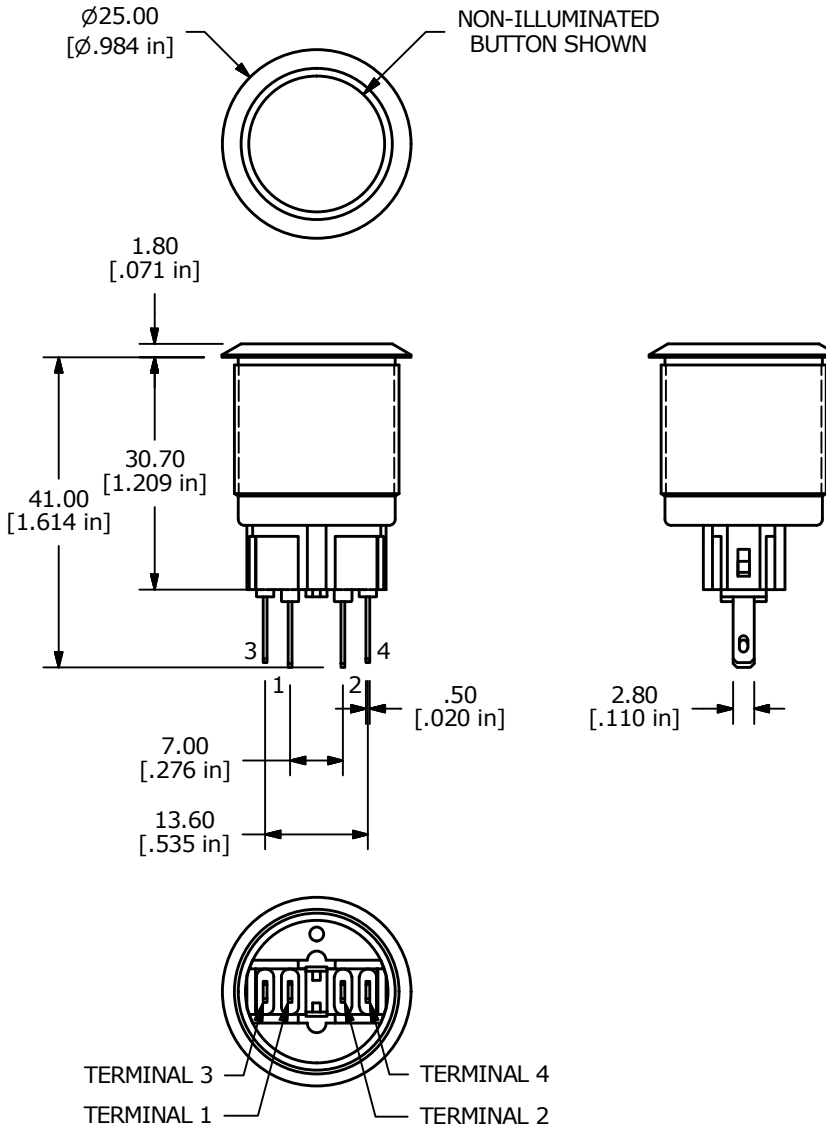
Series	Actuator Options	Terminal Options	Function Options	Rating Options	Body Finish Options	Actuator Finish Options	Lens Style Options	LED Color Options	Illumination Voltage Options	Graphic (Optional)
PV7	**F** - Flat	**2** - Solder **W** - Wire Leads 300mm long	**Y** - 1P Off-(On) + 1P On-(Off) **T** - 1P Off-On + 1P On-Off	**0** - 2A, 48VDC	**S** - Stainless Steel **1** - Black Anodized	**S** - Stainless Steel **1** - Black Anodized	**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 **N** - Green/Blue **P** - Green/Yellow **R** - RGB	**NONE** - Non-Illuminated **1** - Base Voltage‡ **3** - 6V **4** - 12V **5** - 24V **6** - 125V **7** - 250V	**M01** - Power symbol (sm) laser etched **M03** - Power symbol illuminated **M16** - Power symbol (lg) laser etched

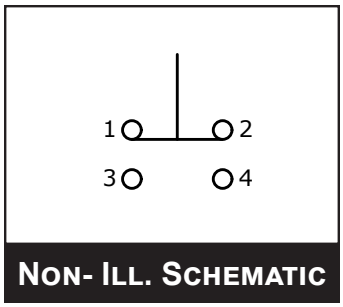
NOTES:
( ) denotes function is momentary
‡Base voltage for LED colors red, yellow, and orange is 1.8V @ 20mA
‡Base voltage for LED colors blue, green and white is 2.8V @ 20mA

Specifications subject to change without notice 8.25.2025

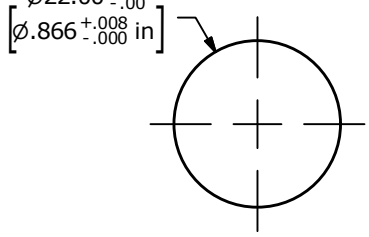
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NON ILLUMINATED
T FUNCTION



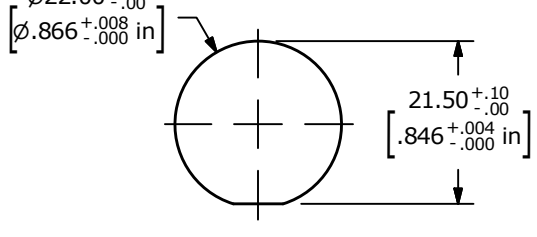


NON- ILL. SCHEMATIC



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT

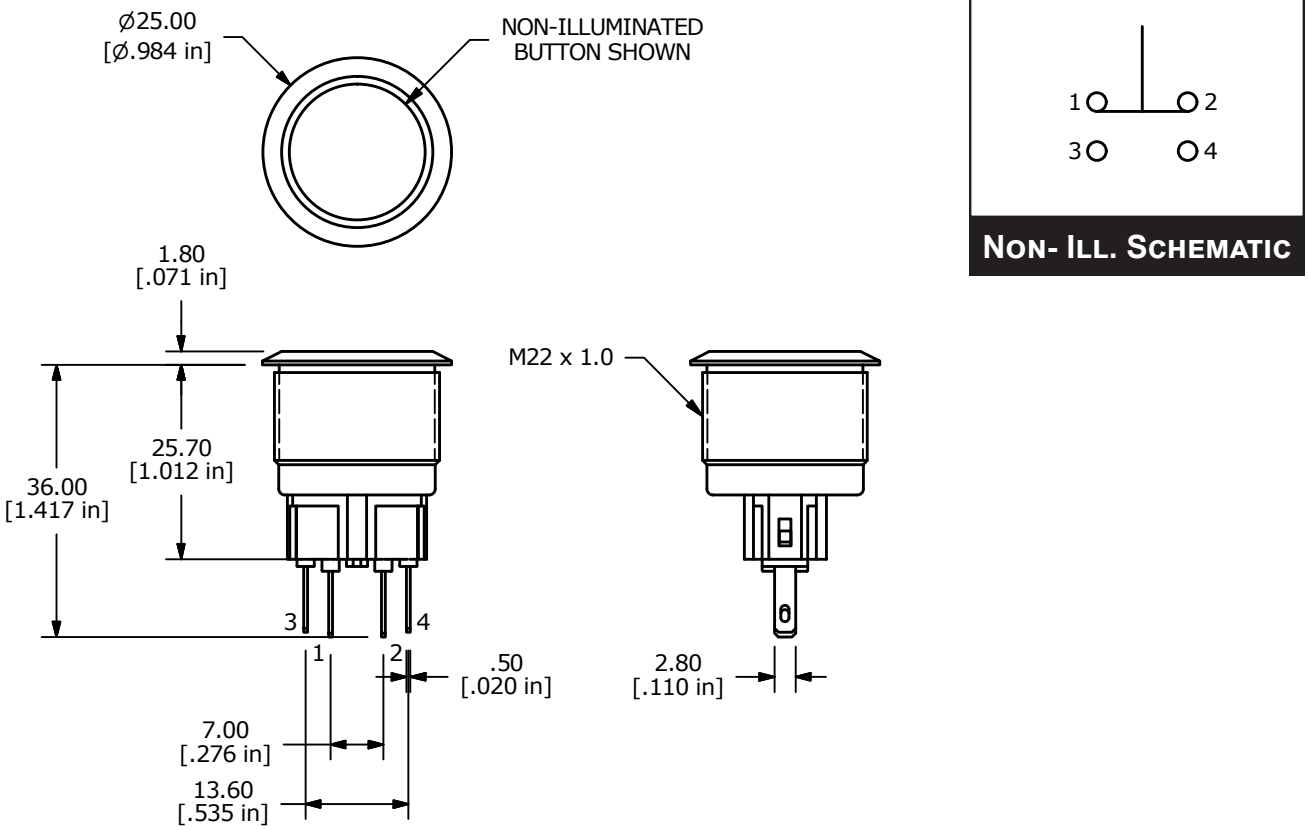


RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

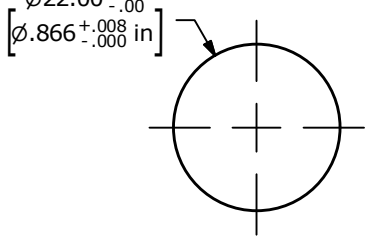
POWER SYMBOL PANEL CUTOUT

Downloaded from Arrow.com.

NON ILLUMINATED Y FUNCTION

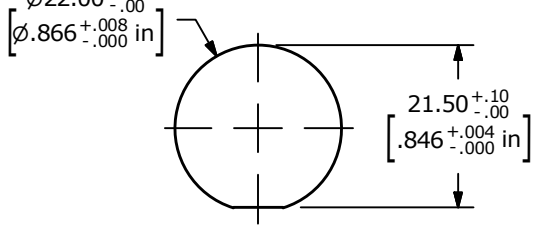


NON- ILL. SCHEMATIC



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT

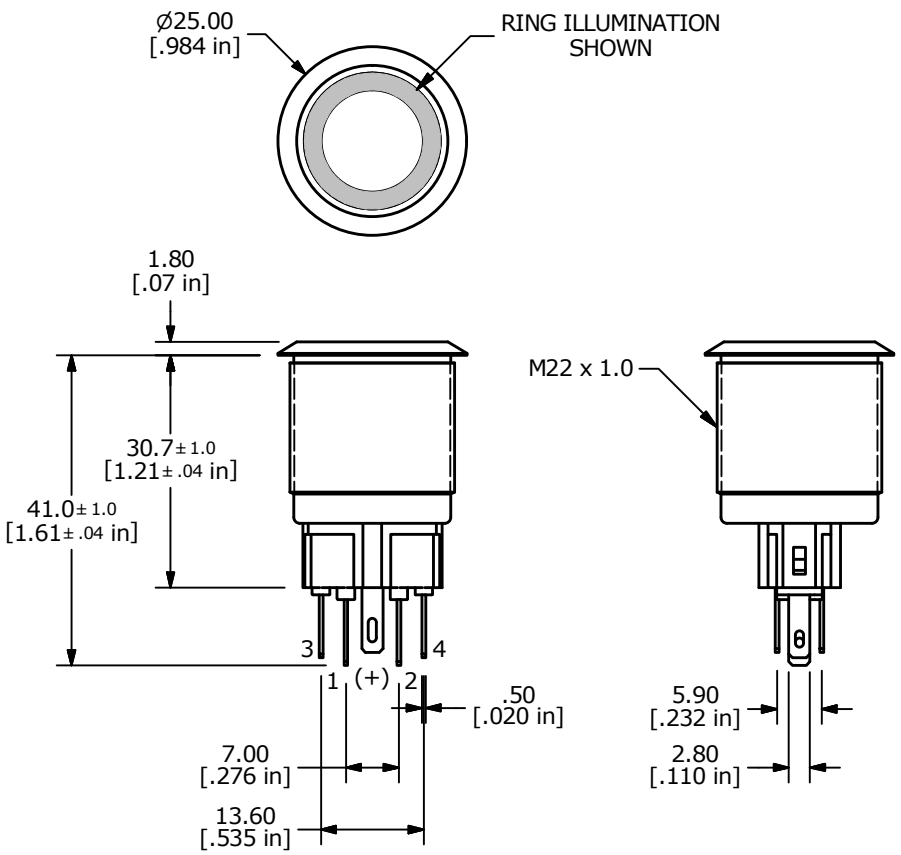


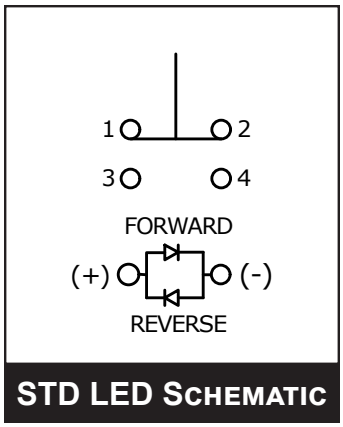
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT

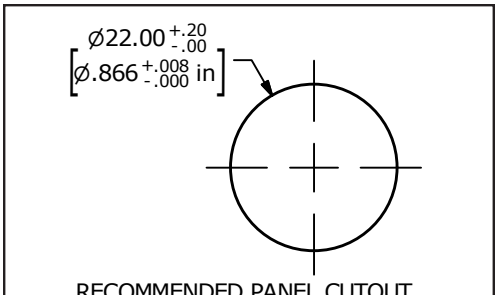
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STANDARD LED
T FUNCTION



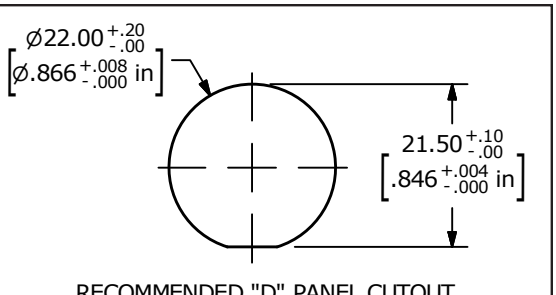


STD LED SCHEMATIC



RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT

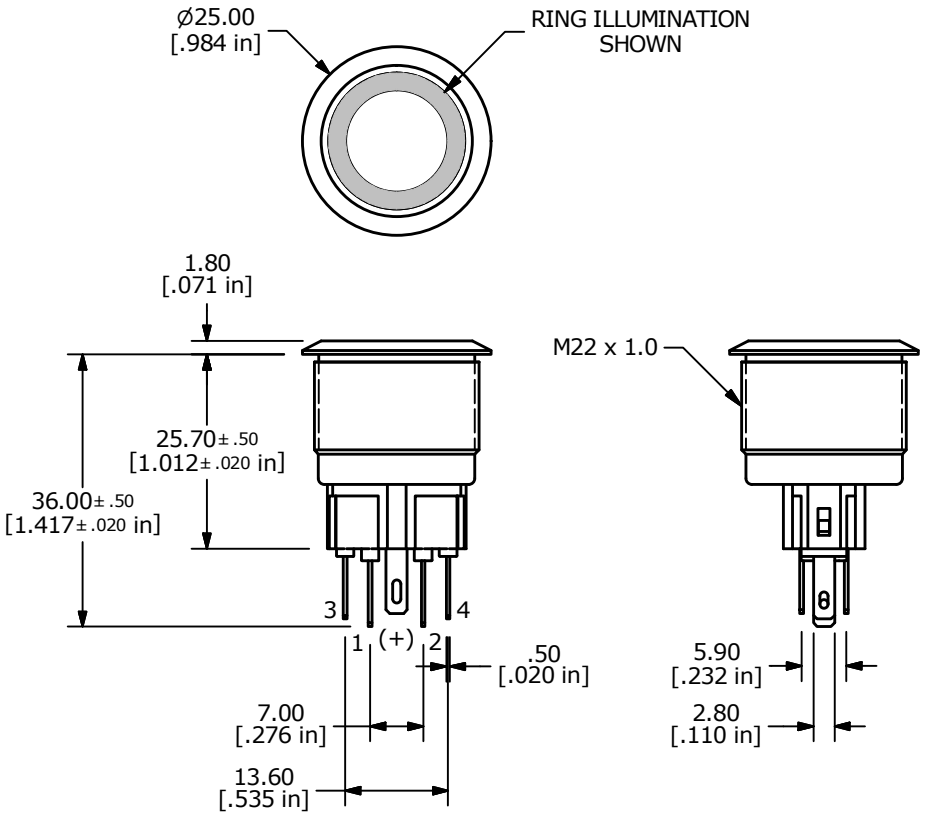


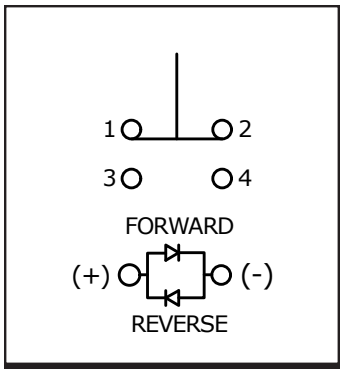
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT

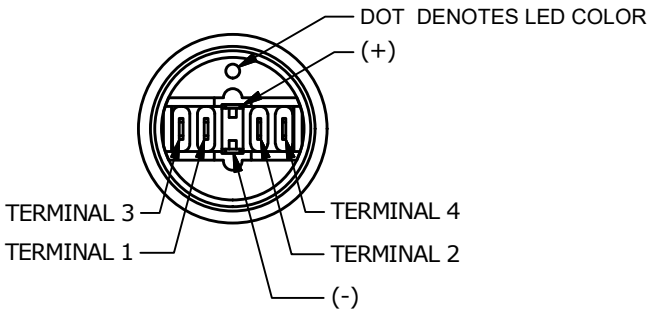
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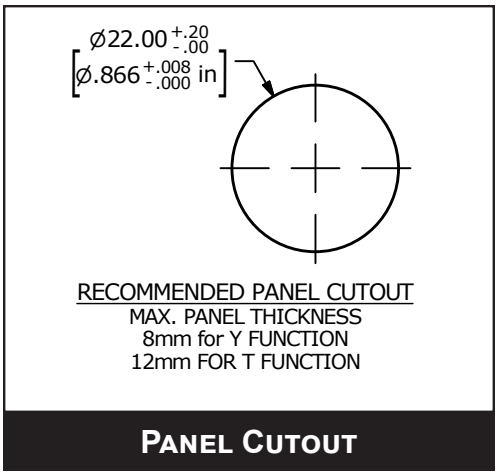
STANDARD LED
Y FUNCTION





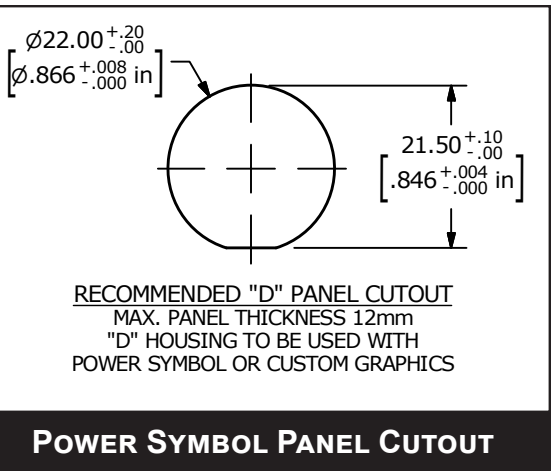
STD LED SCHEMATIC





RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT

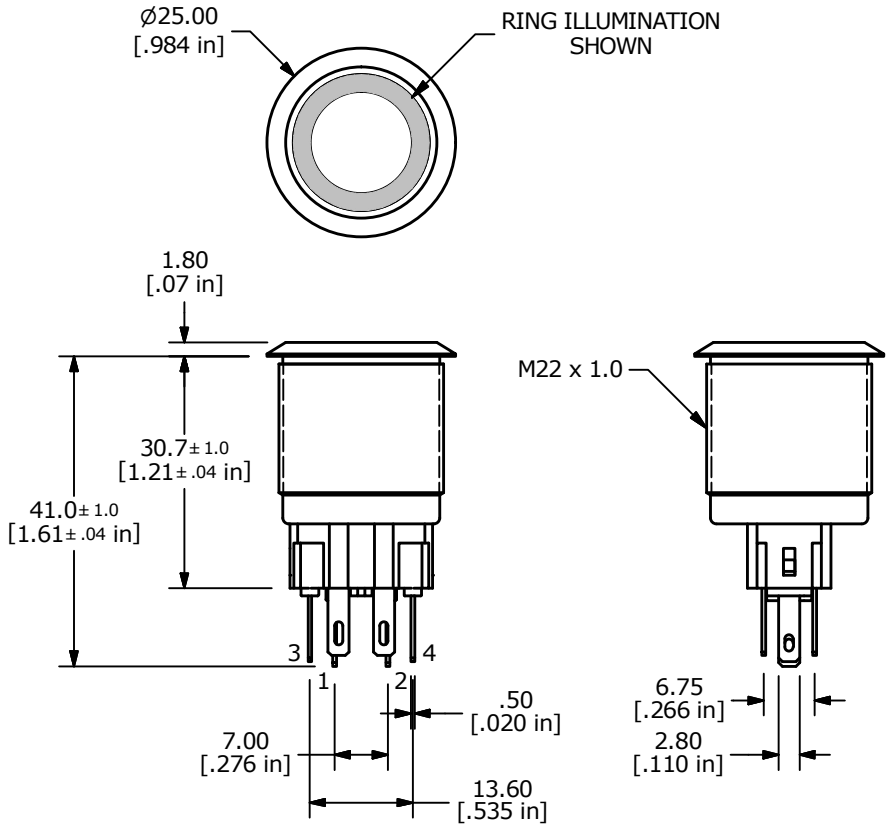


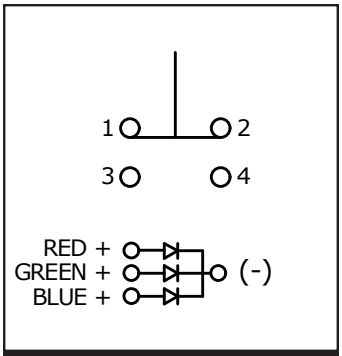
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT

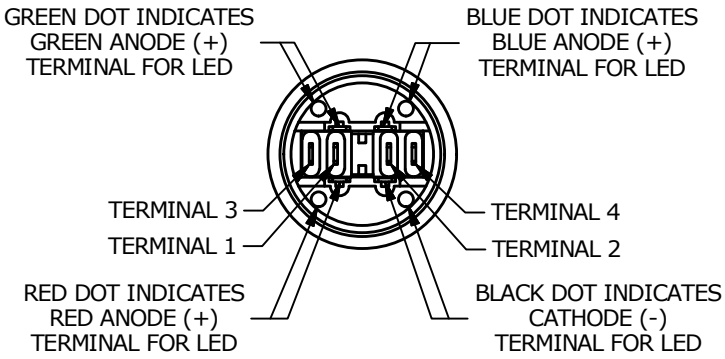
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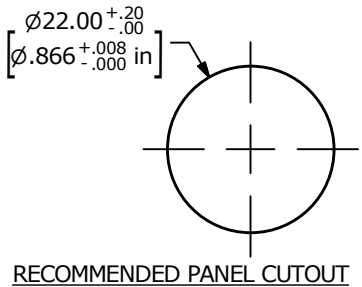
RGB LED
T FUNCTION





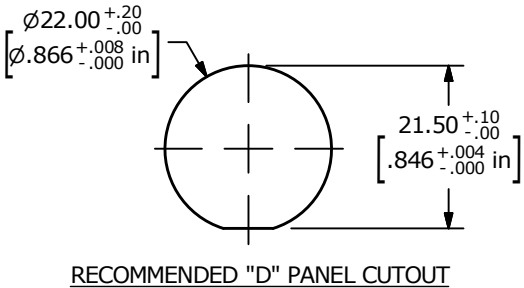
RGB LED SCHEMATIC





RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT

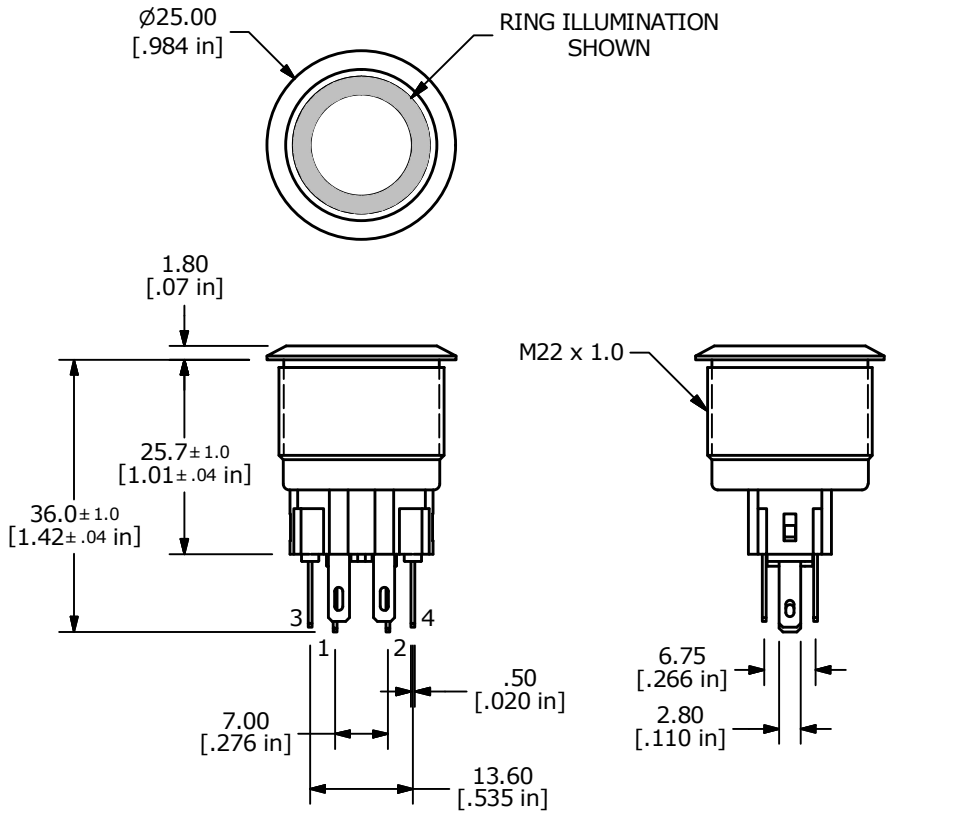


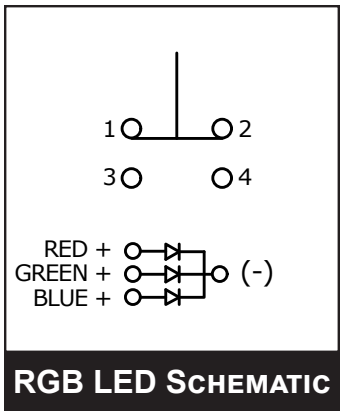
RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT

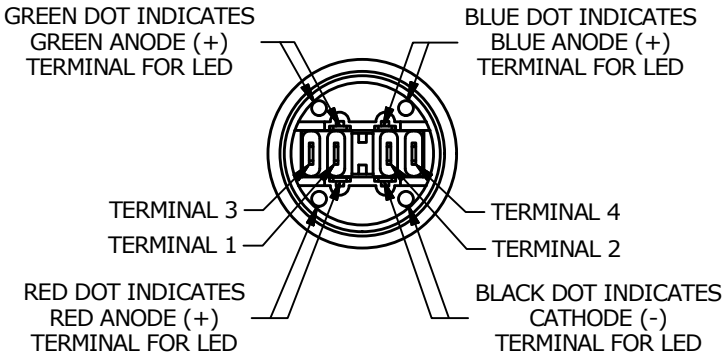
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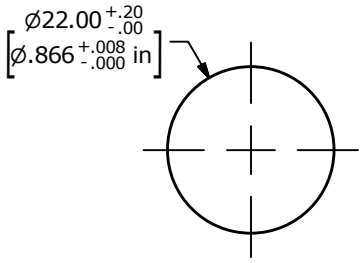
RGB LED
Y Function





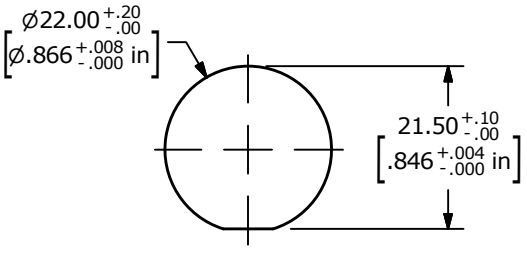
RGB LED Schematic





RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

Panel Cutout

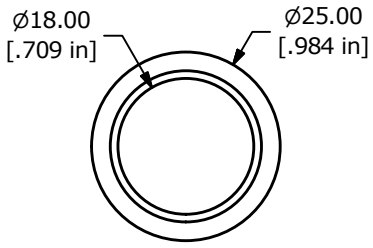


RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

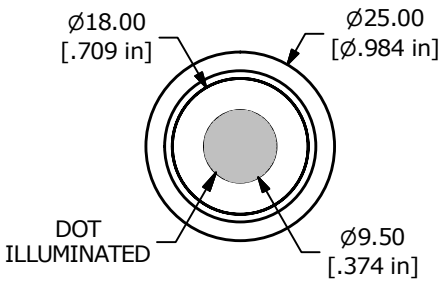
Power Symbol Panel Cutout

Downloaded from Arrow.com.

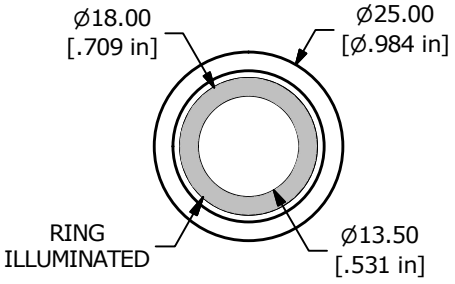
Actuator Options



Non-Illuminated

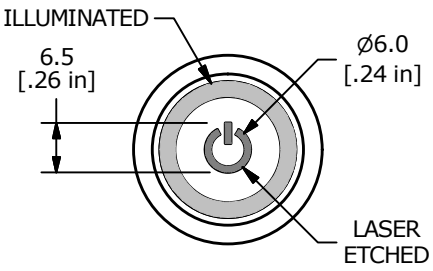


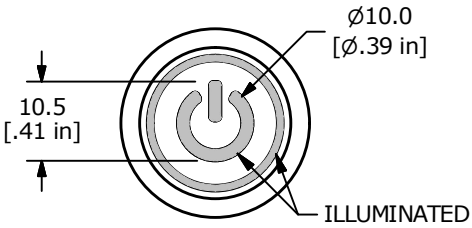
Dot Illuminated

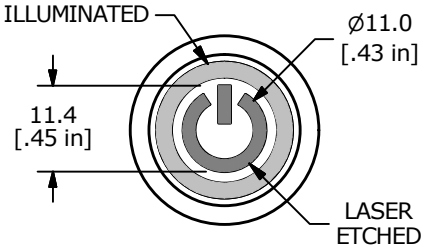


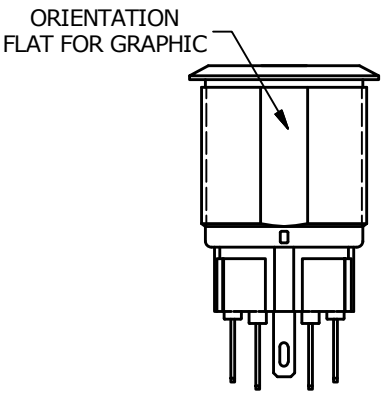
Ring Illuminated

Graphic Options

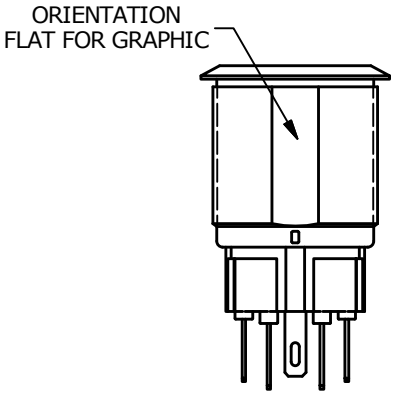




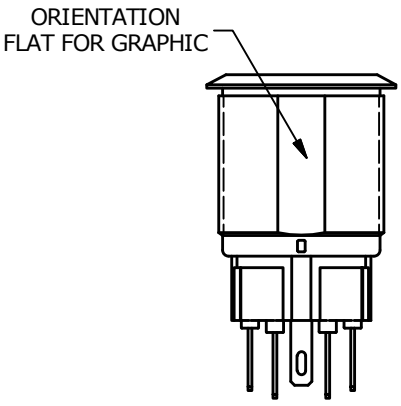




M01



M03



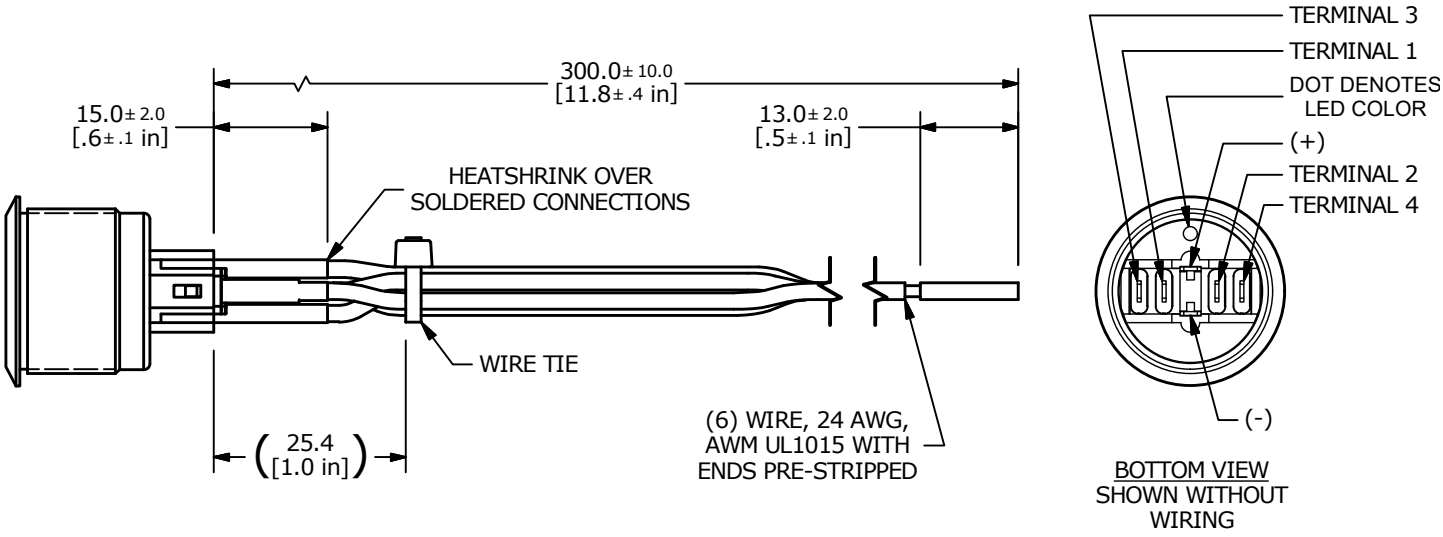
M16

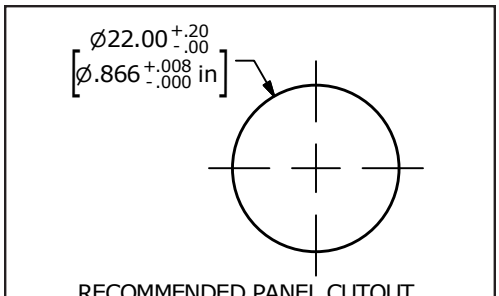
Downloaded from Arrow.com.

Standard LED Wire Lead

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, BLUE	300.0 [11.8 in]
SW1-4	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]

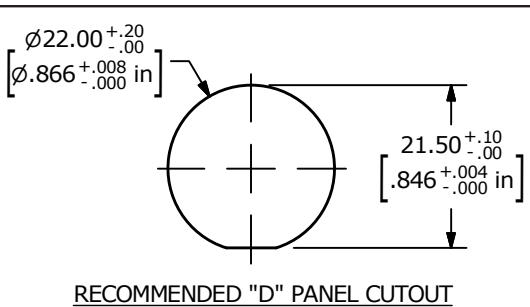
** WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION AND/OR ILLUMINATION SELECTED **





RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

Panel Cutout



RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

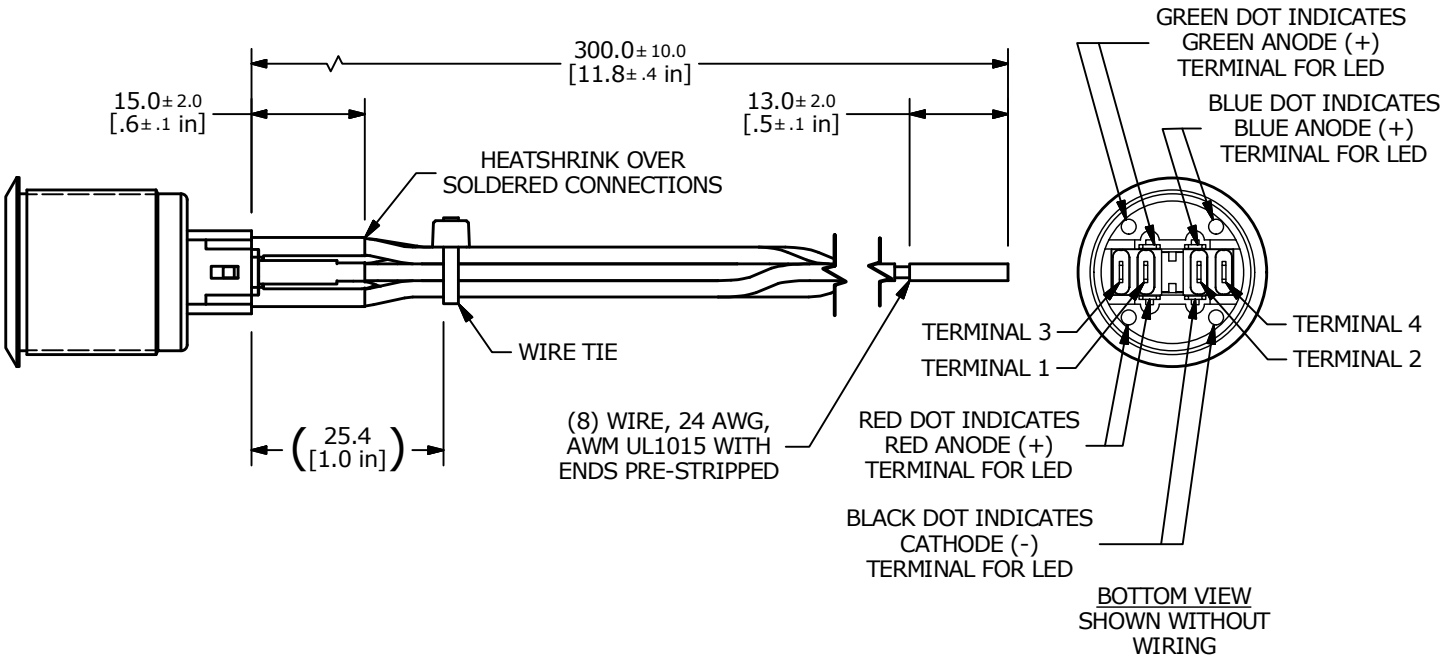
Power Symbol Panel Cutout

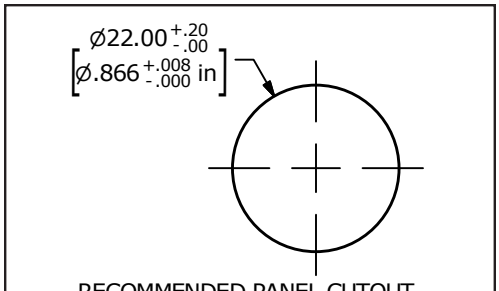
Downloaded from Arrow.com.

RGB LED
WIRE LEAD

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]

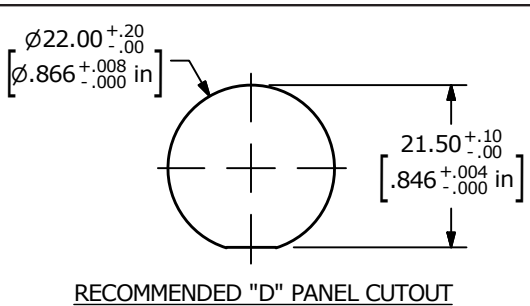
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RECOMMENDED PANEL CUTOUT
MAX. PANEL THICKNESS
8mm for Y FUNCTION
12mm FOR T FUNCTION

PANEL CUTOUT



RECOMMENDED "D" PANEL CUTOUT
MAX. PANEL THICKNESS 12mm
"D" HOUSING TO BE USED WITH
POWER SYMBOL OR CUSTOM GRAPHICS

POWER SYMBOL PANEL CUTOUT

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