



Specifications

Electrical Ratings	2A @ 24VDC 2A @ 125VAC 1A @ 250VAC
Sealing Degree	IP65
Electrical Life	50,000 cycles typical
Contact Resistance	≤ 50mΩ initial

Actuation Force	550 ±50gF
Actuation Travel	2.5 ± .3mm
Dielectric Strength	2000Vrms min contact to contact 2000Vrms min contact to LED
Insulation Resistance	≥ 100MΩ min
Operating Temperature	-25°C to 70°C
Storage Temperature	-25°C to 70°C

Materials

Actuator	Stainless Steel or Anodized Aluminum
LED Lens	Polycarbonate (PC)
Threaded Body	Stainless Steel or Anodized Aluminum
Terminal Support	Polybutylene Terephthalate (PBT)
Inner Switch Body	Polycarbonate (PC)
Contacts	Silver Alloy
Terminals	Brass, Epoxy Sealed
Hardware	One Hex Nut & One "O" Ring Supplied

****UL approved limited option version available - contact factory.**

DH

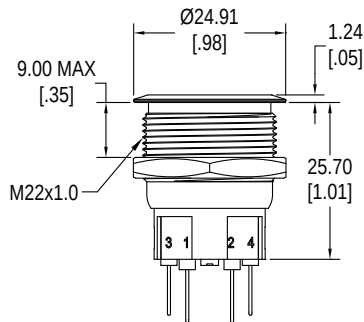
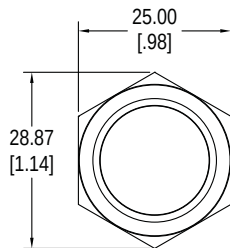
Illuminated Pushbutton - 22, 25, 28 & 30mm

Ordering Information

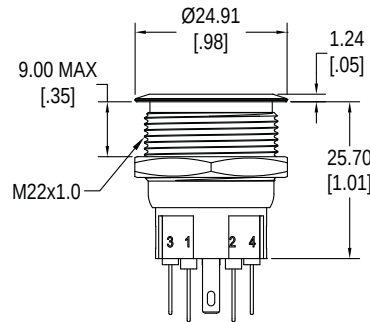
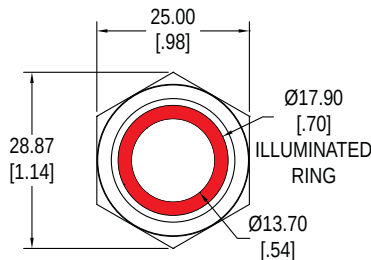
1. Series	DH22	1	N	B	S	R	Z	Z
DH22 - 1 Pole only DH25 DH28 DH30								
2. Number of Poles 1 = SPST NO + SPST NC 2 = DPST NO + DPST NC not available with DH22								
3. Latching Option N = Momentary L = Latching								
4. Actuator Style: A = Flush actuator, non-illuminated B = Flush actuator, ring illuminated C = Flush actuator, dot illuminated G = Flush actuator, international standby symbol illuminated MR = Mushroom, red anodized aluminum only available with DH22 & DH25 momentary MRC = Mushroom, red anodized aluminum, dot illuminated only available with DH22 momentary								
5. Switch Finish B = Black anodized aluminum G = Green anodized aluminum R = Red anodized aluminum S = Brushed stainless steel U = Blue anodized aluminum Y = Yellow anodized aluminum								
6. First LED Color Z = No LED R = Red Y = Yellow G = Green B = Blue W = White O = Orange RGB only available with DH22 momentary								
7. Second LED Color Z = No LED R = Red Y = Yellow G = Green B = Blue O = Orange W = White Leave blank for RGB - no Second LED Color								
8. LED Voltage Z = No LED N = No internal resistor in series with the LED 6 = 6V 12 = 12V 24 = 24V 110 = 110V 220 = 220V								
9. Terminal Option Blank = .100" Quick Connect, standard T = Screw Terminals, only available with 1 pole								

Dimensions

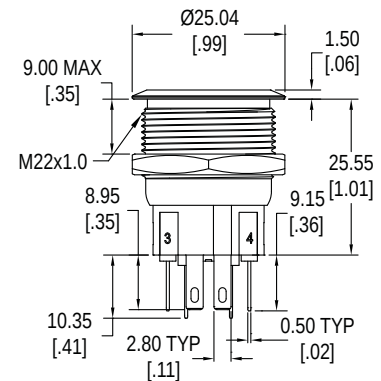
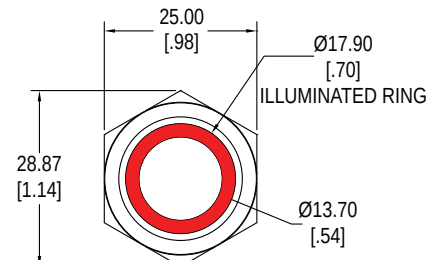
22mm - Actuator Styles, available in Single Pole only



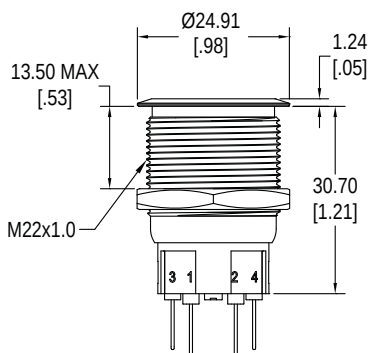
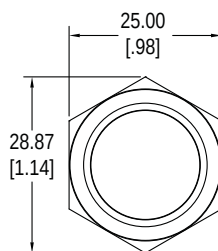
A Non-Latching



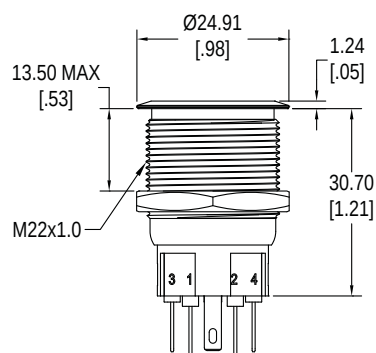
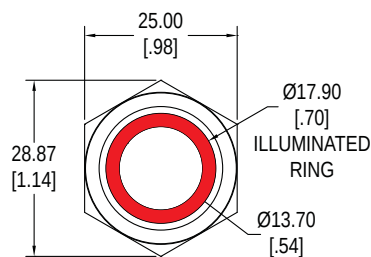
B Non-Latching



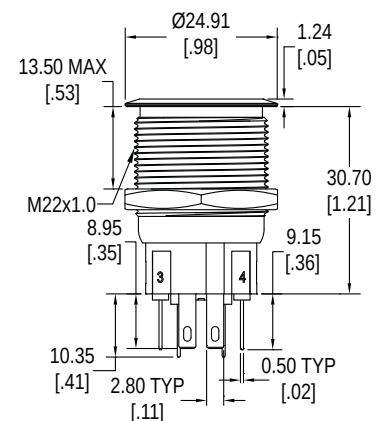
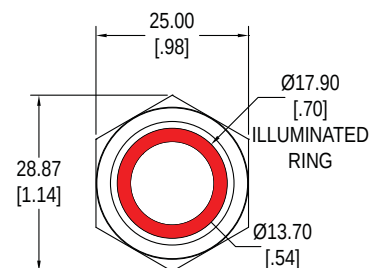
B Non-Latching RGB



A Latching



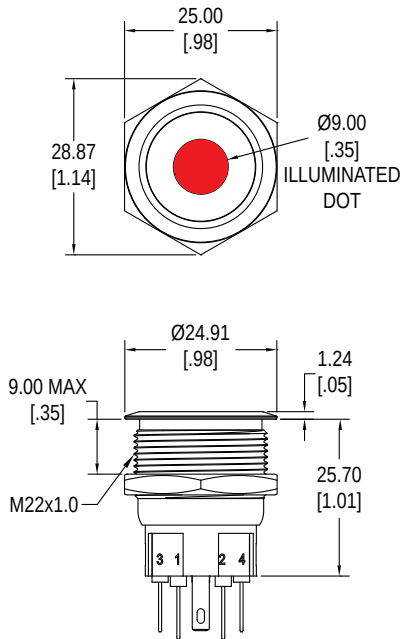
B Latching



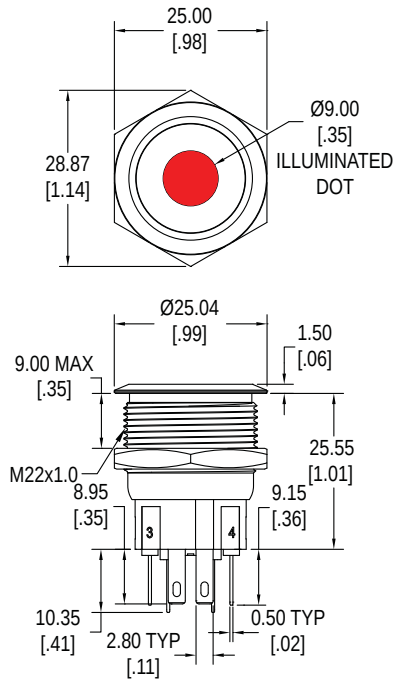
B Latching RGB

Dimensions

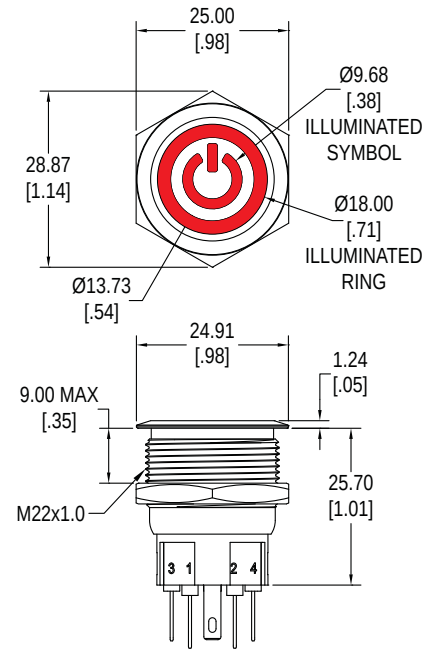
22mm - Actuator Styles, available in Single Pole only



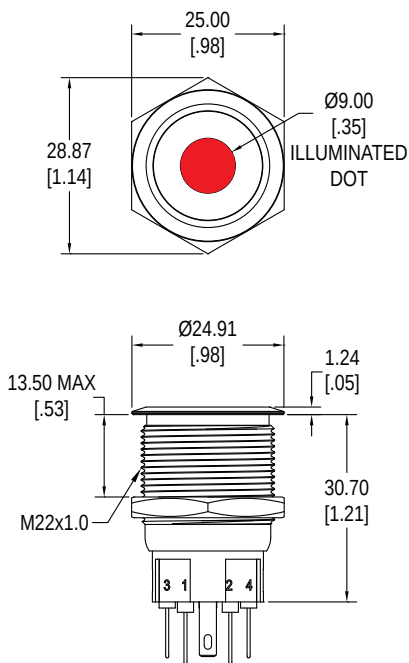
C Non-Latching



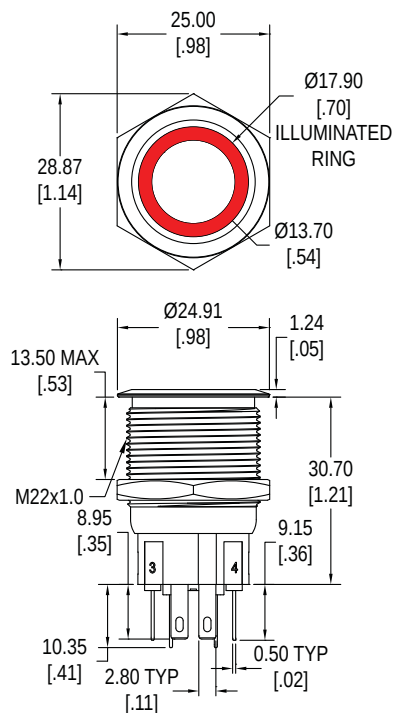
C Non-Latching RGB



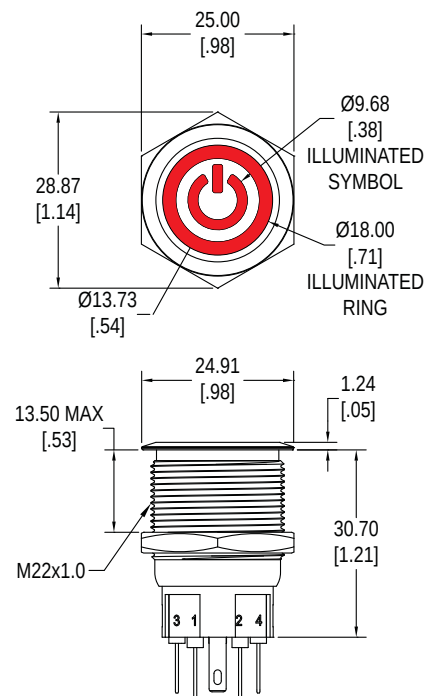
G Non-Latching



C Latching



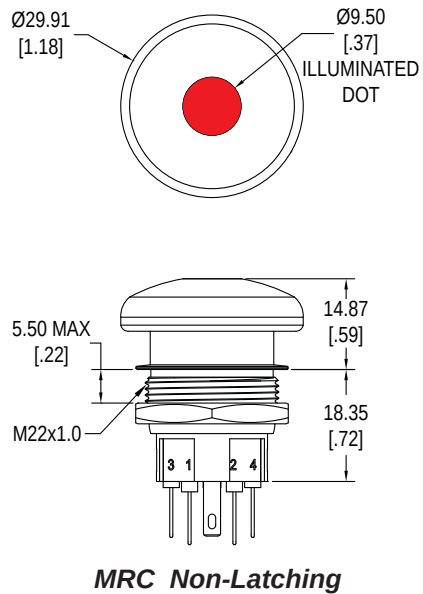
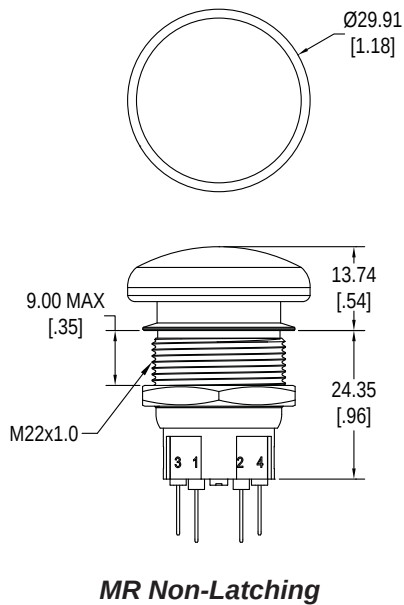
C Latching RGB



G Latching

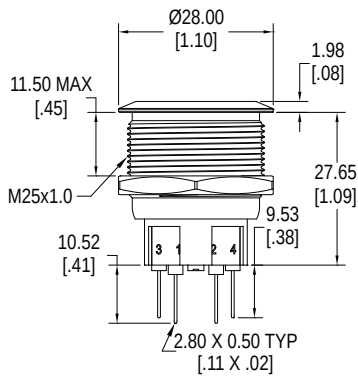
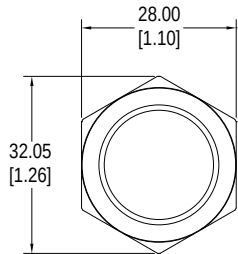
Dimensions

22mm - Actuator Styles, available in Single Pole only

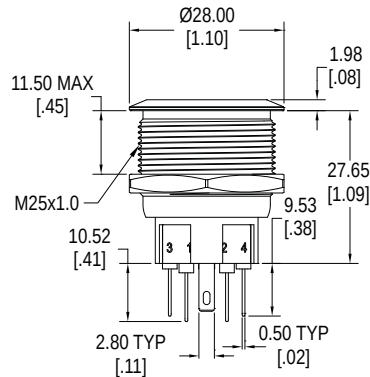
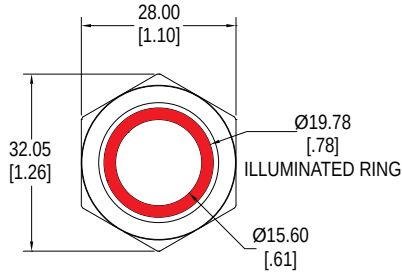


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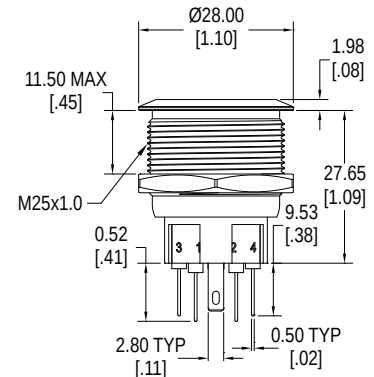
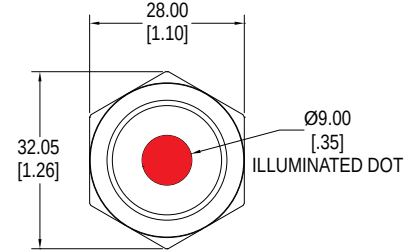
25mm - Actuator Styles, available in Single Pole & Double Pole



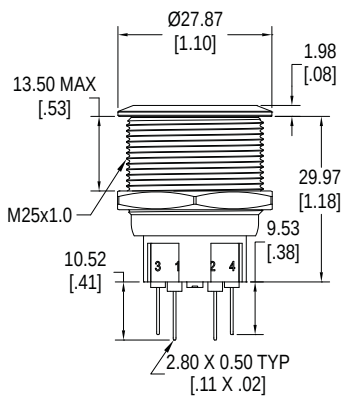
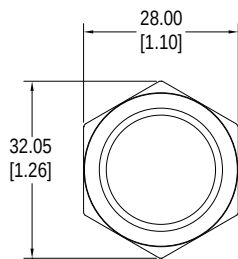
A Non-Latching



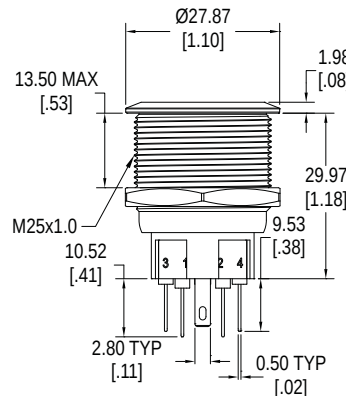
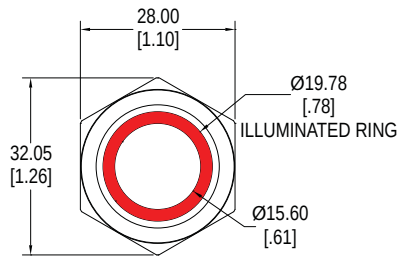
B Non-Latching



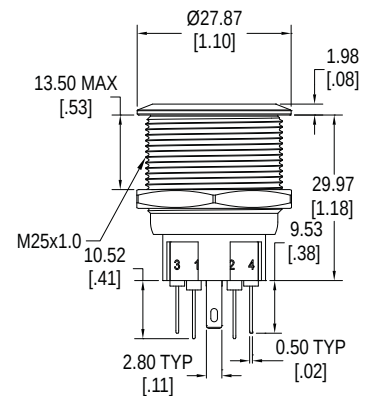
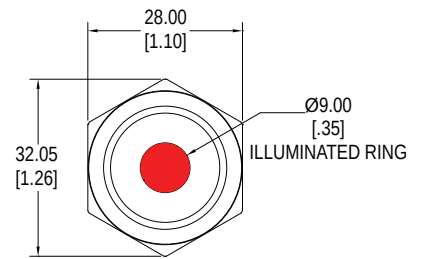
C Non-Latching



A Latching



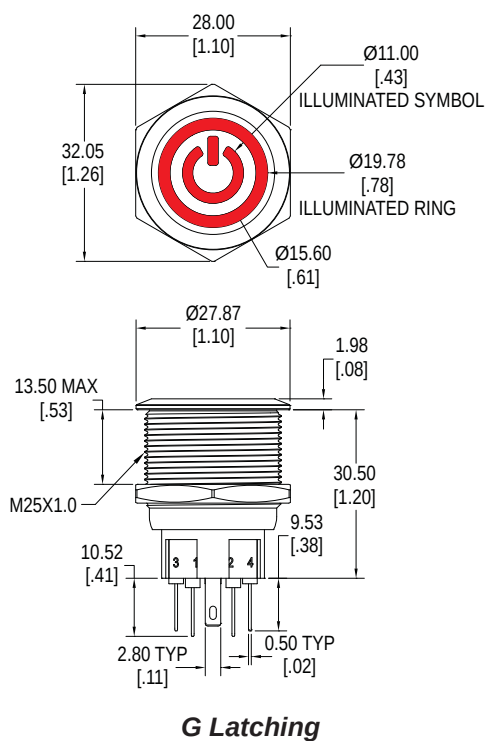
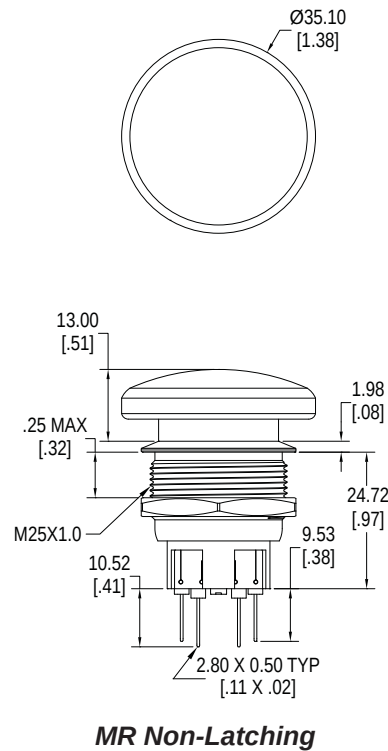
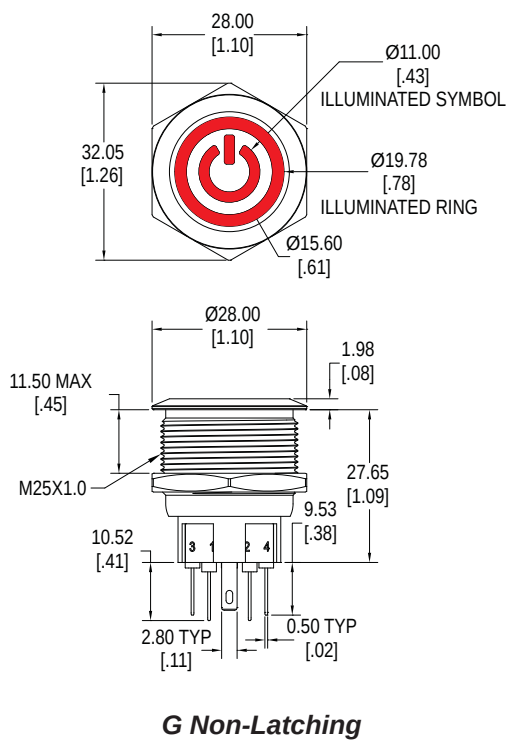
B Latching



C Latching

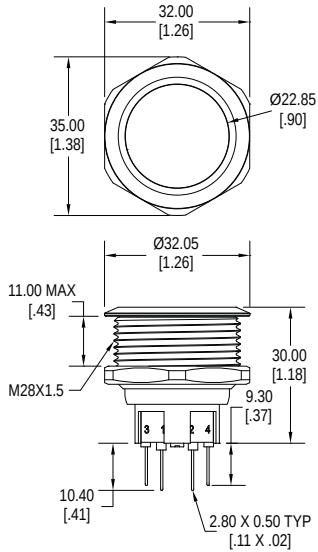
Dimensions

25mm - Actuator Styles, available in Single Pole & Double Pole

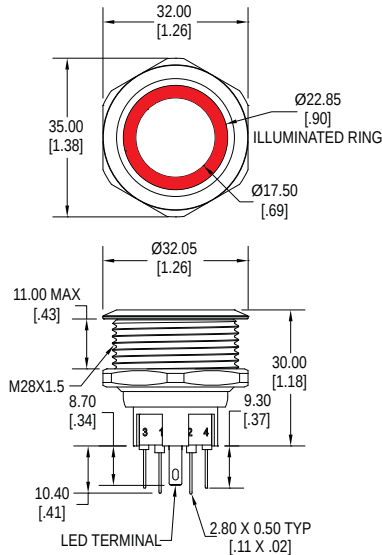


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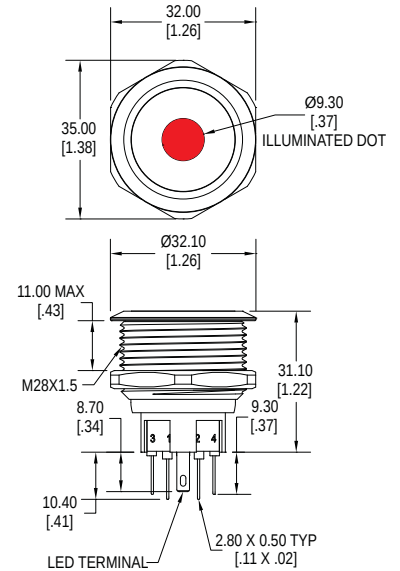
28mm - Actuator Styles, available in Single Pole & Double Pole



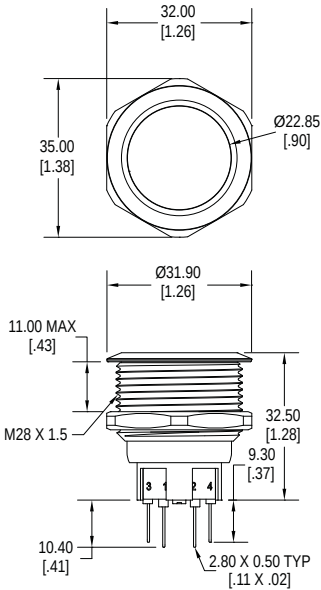
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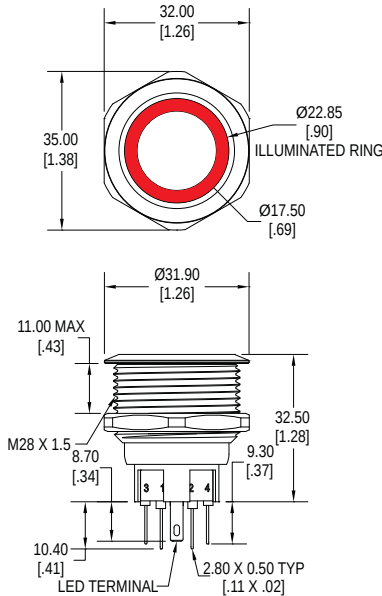
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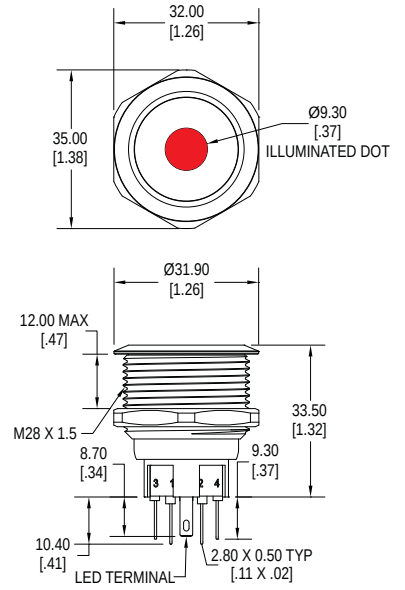
C Non-Latching



A Latching



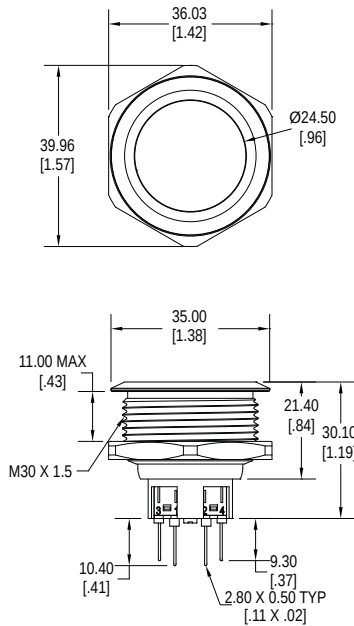
B Latching



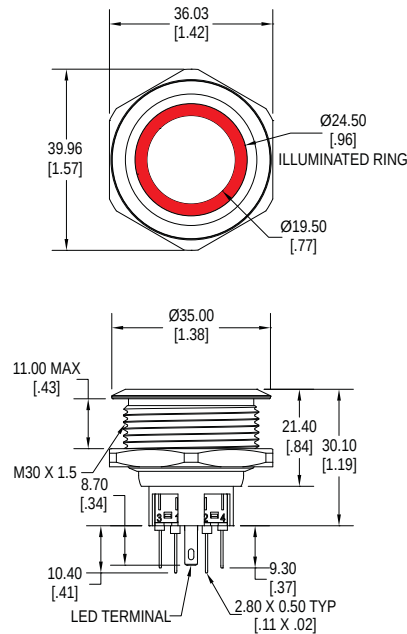
C Latching

Dimensions

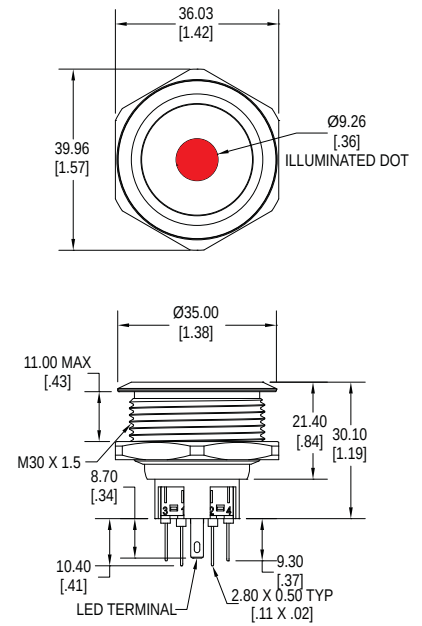
30mm - Actuator Styles, available in Single Pole & Double Pole



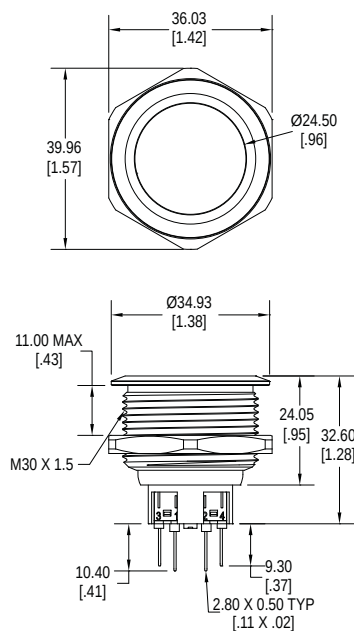
A Non-Latching



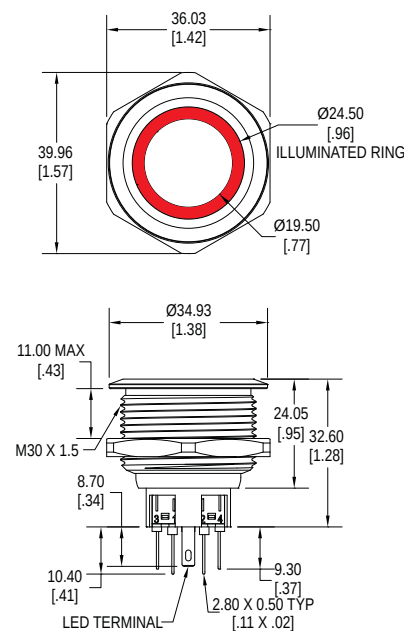
B Non-Latching



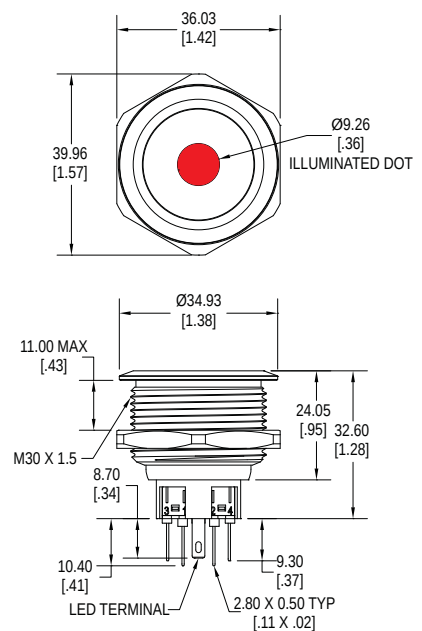
C Non-Latching



A Latching



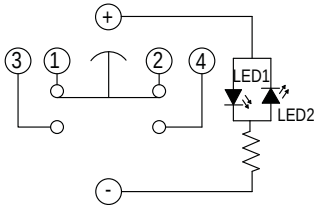
B Latching



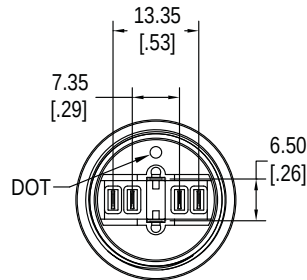
C Latching

Schematics

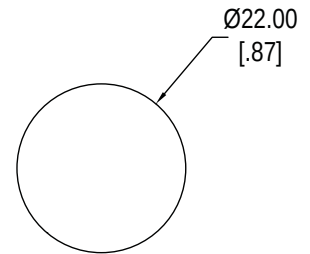
22mm - available in Single Pole



Schematic

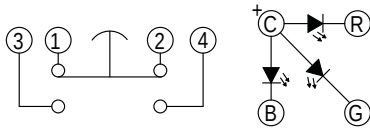


Bottom View

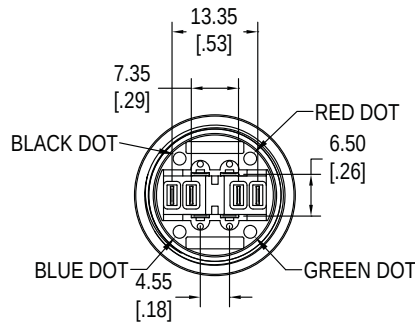


Panel Cut-Out

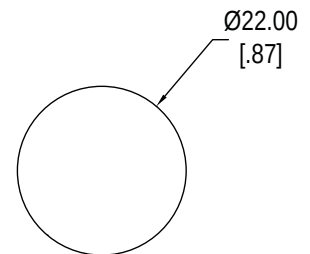
22mm RGB- available in Single Pole



Schematic

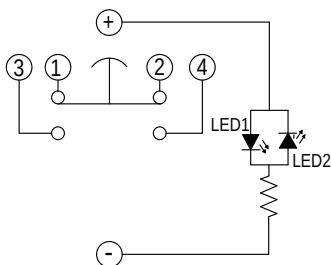


Bottom View

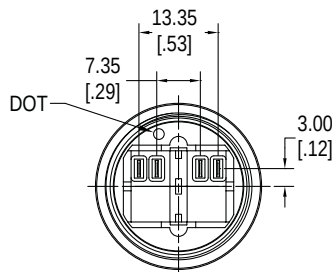


Panel Cut-Out

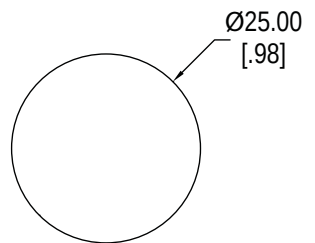
25mm - available in Single Pole & Double Pole Single Pole



Schematic



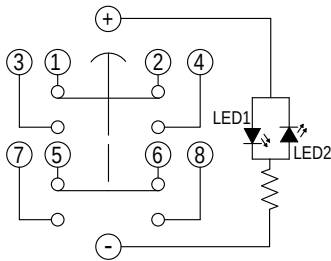
Bottom View



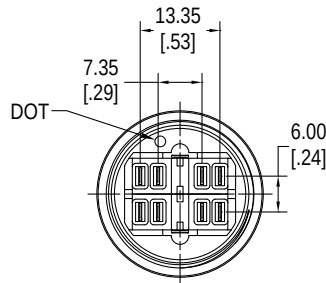
Panel Cut-Out

Schematics

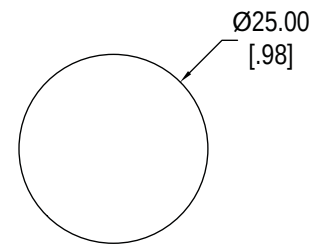
25mm - available in Single Pole & Double Pole Double Pole



Schematic

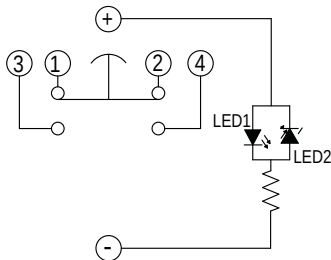


Bottom View

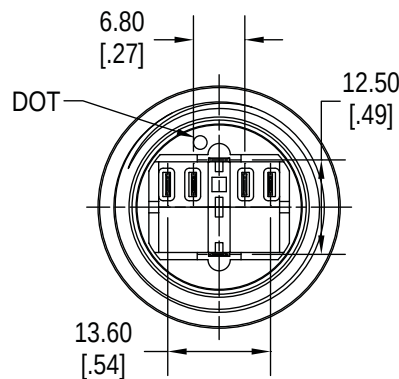


Panel Cut-Out

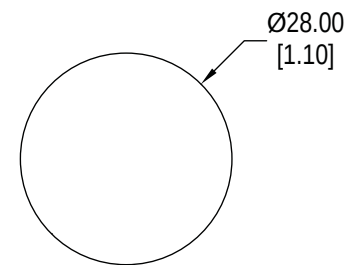
28mm - available in Single Pole & Double Pole Single Pole



Schematic

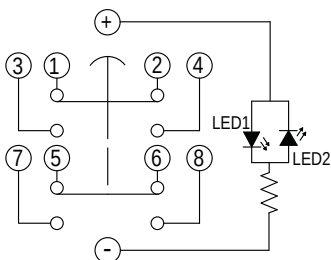


Bottom View

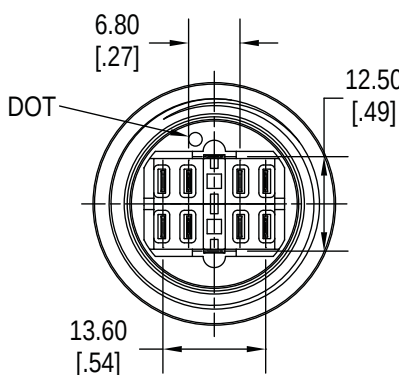


Panel Cut-Out

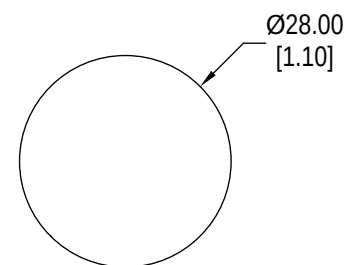
Double Pole



Schematic



Bottom View

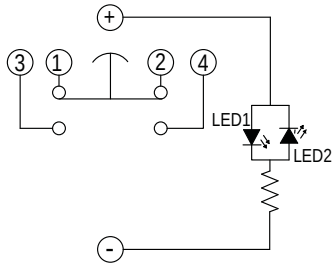


Panel Cut-Out

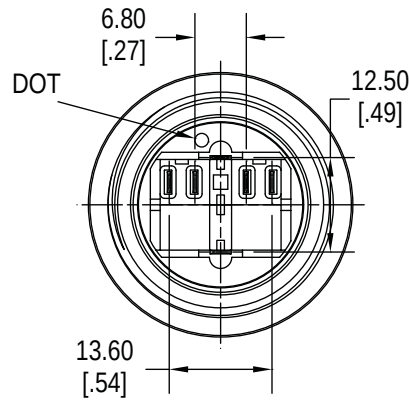
Schematics

30mm - available in Single Pole & Double Pole

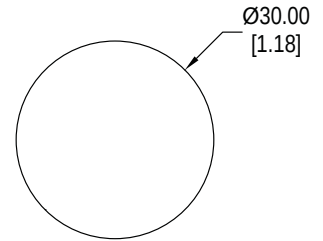
Single Pole



Schematic

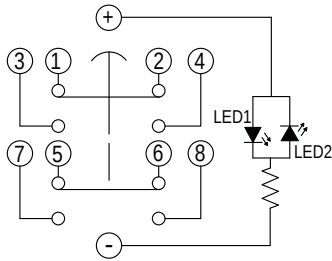


Bottom View

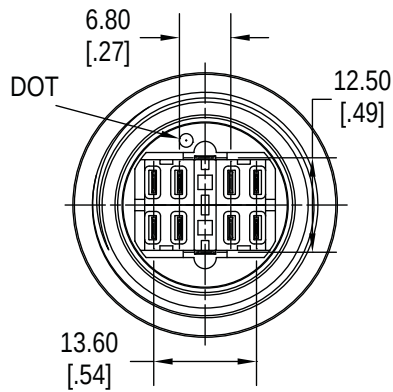


Panel Cut-Out

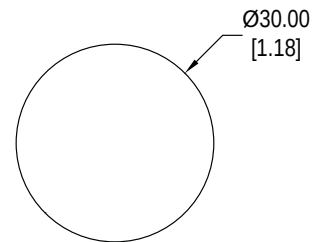
Double Pole



Schematic

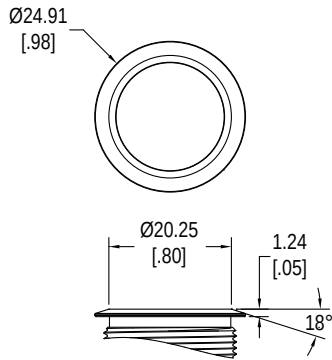


Bottom View

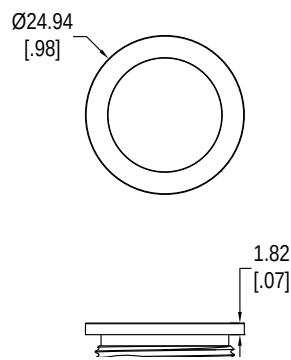


Panel Cut-Out

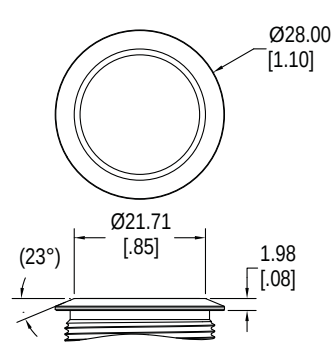
Bezel Detail



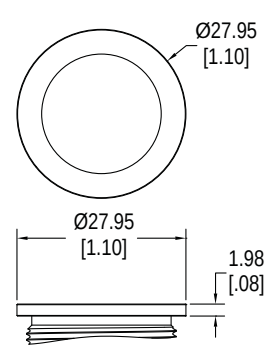
22mm Standard



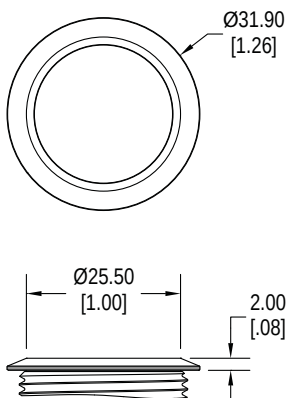
22mm Flat



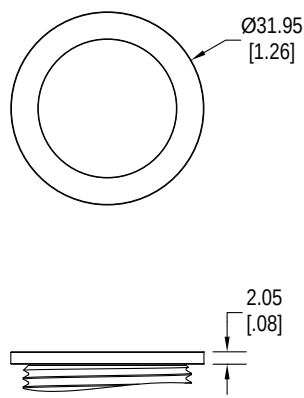
25mm Standard



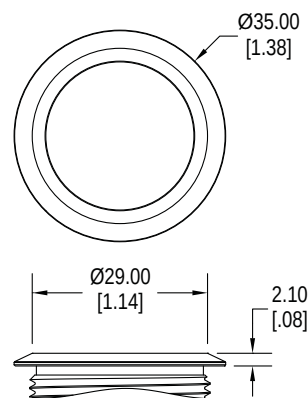
25mm Flat



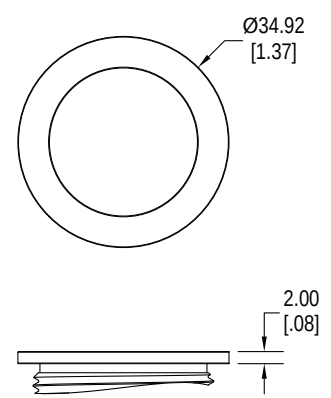
28mm Standard



28mm Flat

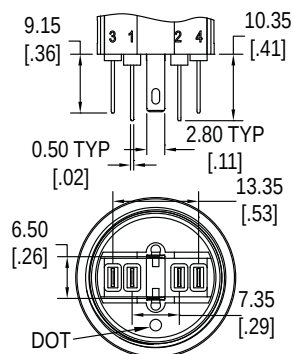


30mm Standard

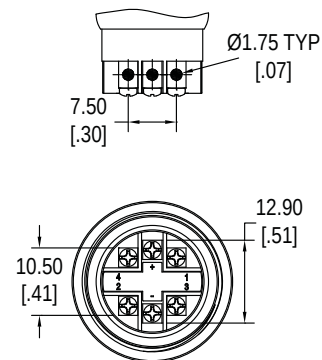


30mm Flat

Terminal Options

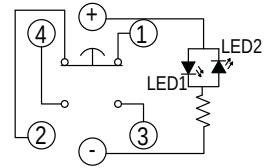
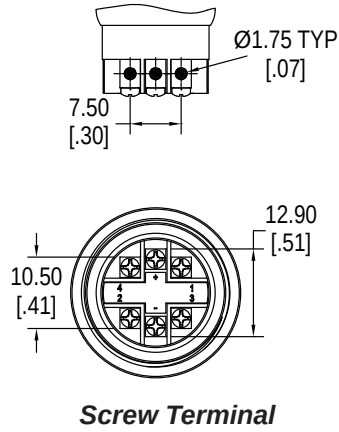
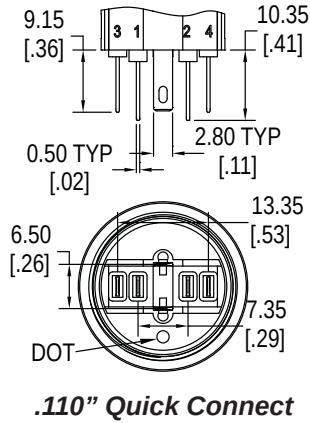


Quick Connect

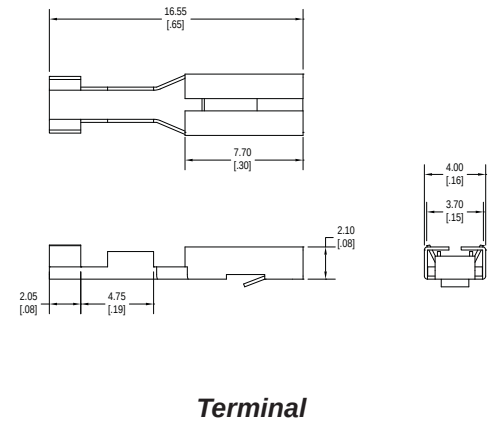
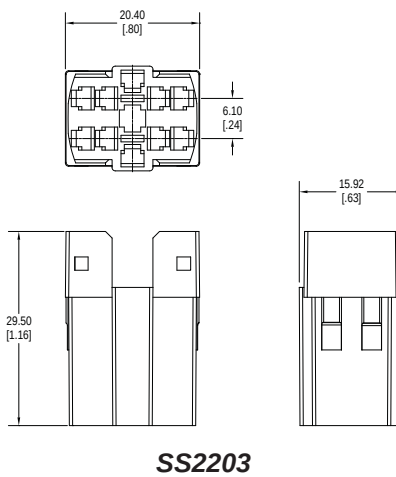
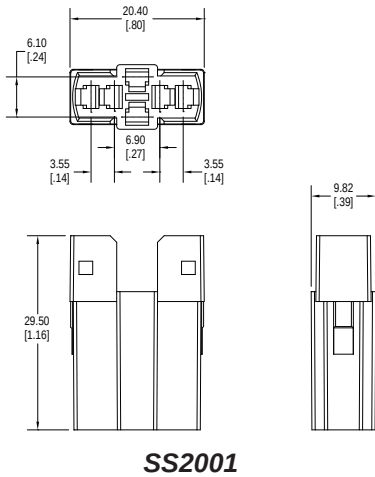


Screw Terminal
Available on DH22 Single Pole only

Terminal Options



Optional Terminal Block



LED Characteristics

LED Ratings		Color						
		R	Y	G	B	O	W	Units
Reverse Voltage	V_R	5	5	5	5	5	5	V
Forward Current (peak)	I_{FS}	120	120	160	160	120	160	mA
Reverse Current $V_R = 5V$	I_R	10	10	10	10	10	10	μA
Power Dissipation	P_T	80	80	120	120	80	120	mW
Forward Voltage (typ) $I_F = 20mA$	V_F	2.1	2.1	3.3	3.3	2.0	3.0	V
Luminous Intensity, $I_F = 20mA$	LI	120	120	170	100	120	700	mcd

Features

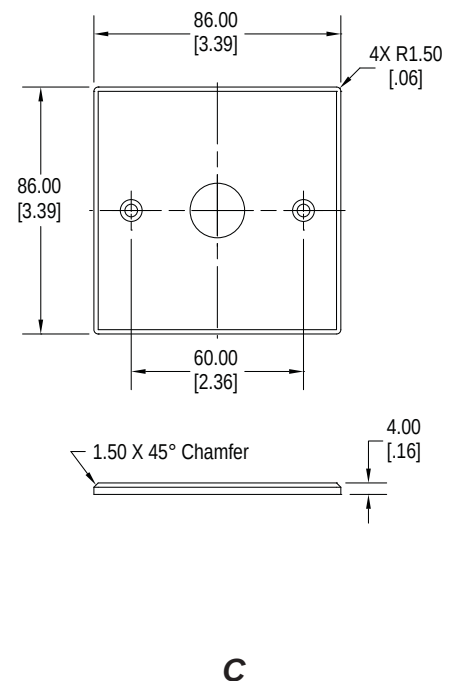
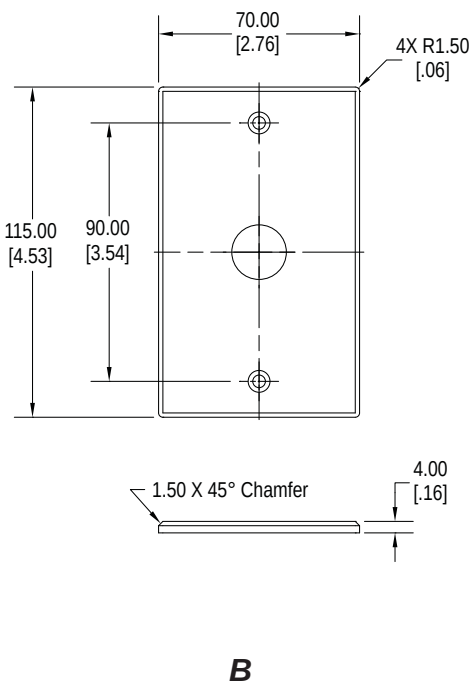
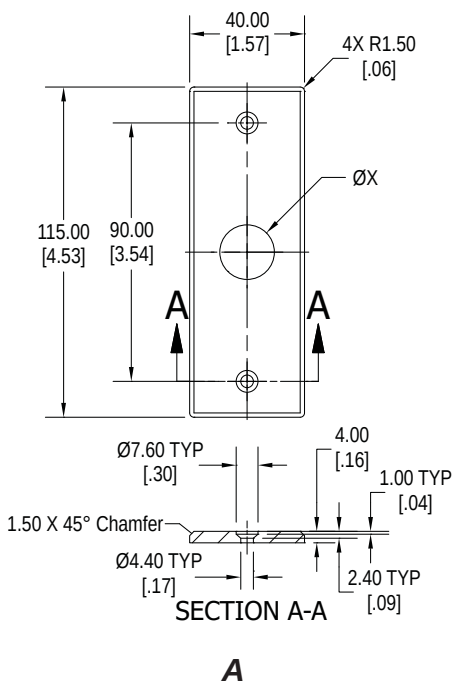
- ♦ Fits standard size electrical boxes
- ♦ Multiple size options
- ♦ 2 finish options
- ♦ Laser etching available



Ordering Information

1. Series	WP	B	22	A	X
2. Size:					
A = 40mm x 115mm					
B = 70mm x 115mm					
C = 86mm x 86mm					
3. Hole Size:					
22 = 22mm diameter					
25 = 25mm diameter					
4. Material					
A = Brushed aluminum					
Y = Brushed aluminum, yellow anodized					
5. Laser Etching Symbol:					
Contact Factory with artwork					

Dimensions



AVH

Aluminum Anti-Vandal Switch Housing

Features

- ♦ Easy installation
- ♦ Multiple size options
- ♦ Aluminum housing



Ordering Information

1. Series	AVH	F	4	22
AVH				
2. Mounting Options: F = With mounting flange T = Without mounting flange				
3. Number of Positions: 1 = 1 position 2 = 2 positions 3 = 3 positions 4 = 4 positions 5 = 5 positions Contact Factory for custom sizes and number of positions				
4. Hole Size: 22 = 22mm diameter 25 = 25mm diameter				

Dimensions

