

G48- X - RM - X - X - X - X

SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION
1	MECHANICAL,MOMENTARY,SOLDER TERMINAL
2	MECHANICAL,MAINTAINE,SOLDER TERMINAL
A	MECHANICAL,MOMENTARY, WIRELEADS
B	MECHANICAL,MAINTAINE, WIRELEADS

BEZEL CODE	BEZEL DESCRIPTION
RM	ROUND, BLACK MIRROR

ILLUMINATION CODE	LED COLOR DESCRIPTION
N	NONE
R	RED
A	AMBER
Y	YELLOW
G	GREEN
B	BLUE
W	WHITE
RG	RED/BLUE
RB	RED/GREEN

BUTTON CODE (SEE NOTE 3)	BUTTON COLOR DESCRIPTION
(H)BK	BLACK
(H)RD	RED
(H)GR	GREEN
(H)BL	BLUE
(H)YL	YELLOW
(H)OR	ORANGE
(H)WH	WHITE

MOUNTING CODE	MOUNTING STYLE DESCRIPTION
B	BUSHING
F	SNAP FIT

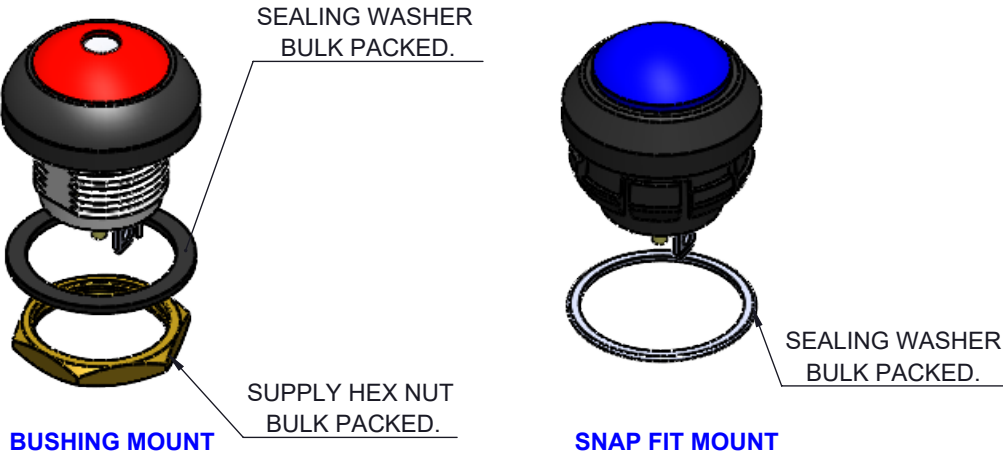
LED VOLTAGE CODE		LED VOLTAGE DESCRIPTION
NON-WIRELEADS	IF BLANK	SEE LED SPEC.
	05	5V (SEE NOTE 4)
WIRELEADS	IF BLANK	SEE LED SPEC.
	05	5V (SEE NOTE 4)
	12	12V
	24	24V

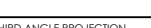
MECHANICAL CHARACTERISTICS:
SWITCH CIRCUITRY: SPST-NO-DB
SWITCH ACTION: MOMENTARY AND MAINTAINED (PER CHART)
BUTTON TRAVEL: 2.3mm NOMINAL
OPERATING FORCE: 3N [306g] NOMINAL
PANEL THICKNESS:
BUSHING MOUNT: 0.5 - 3.0mm
SNAP MOUNT: 1mm/2mm/3mm ±0.05
CONTACTS: SILVER
NUT TORQUE FORCE: MAX 6 kgf-cm[5.2 LB-in]
ENVIRONMENTAL SPECIFICATIONS:
ACTUATOR INGRESS PROTECTION: IP67
LIFE(MECHANICAL):
MOMENTARY: 1,000K CYCLES
MAINTAINED : 50K CYCLES
OPERATING TEMPERATURE:
MOMENTARY: -40 C to +85 C
MAINTAINED:-40 C to +65 C
ELECTRICAL SPECIFICATIONS:
CURRENT RATINGS:
2A@24VDC
MOMENTARY: 40K CYCLES NOMINAL
MAINTAINED: 20K CYCLES NOMINAL
DIELECTRIC STRENGTH: 1,000VAC
INSULATION RESISTANCE: 1G OHM
CONTACT RESISTANCE:
50m OHMS MAX INITIAL(NON-WIRELEADS)
250m OHMS MAX INITIAL(WIRELEADS)
CABLE: UL1007,AWG26
NOTE
1.CURRENT LIMITING RESISTOR IS REQUIRED
TO LIMIT LED FORWARD CURRENT TO 20mA
2. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED.
3. HIGH-BUTTON OPTION, DENOTED (H), ONLY AVAILABLE FOR
ROUND BEZEL AND NON-ILL.TYPE. OMIT (H) FOR STANDARD BU
4.INNER RESISTOR ONLY FOR LED :RED / BLUE / GREEN / WHITE

LED SPECIFICATION					
LED CODE	LED SINGLE COLOR		Vf(VDC)	If (mA)	CIRCUITRY
			TYP.		
R	RED		2.0	20	
A	AMBER		2.0	20	
Y	YELLOW		2.0	20	
G	GREEN		3.0	20	
B	BLUE		3.1	20	
W	WHITE		3.3	20	
LED CODE	BICOLOR LED		Vf(VDC)	If (mA)	CIRCUITRY
	COLOR1	COLOR2	TYP.		
RB	RED	BLUE	2.0(RED) 3.3(BLUE)	20	
RG	RED	GREEN	2.0(RED) 3.4(GREEN)	20	

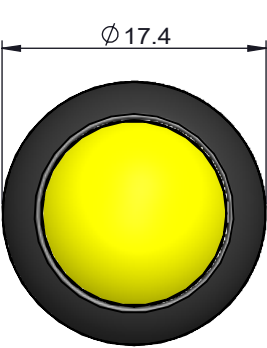
Notes:
Hand Soldering Temperature (4mm above from Body) : 320°C for 3 seconds

WIRELEADS SPECIFICATION					
WIRELEADS TYPE	WIRELEADS SPECIFICATION	SW TERMINAL		LED	
		/	O	+	-
ILLUMINATION	AWG26 / UL1007	BLUE	BLUE	RED	BLACK
NON-ILLUMINATION		BLUE	BLUE	--	--

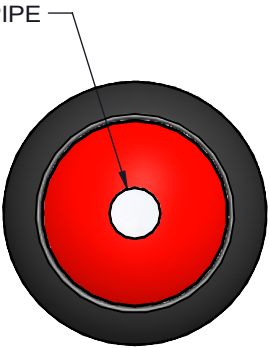


DWG TYPE SALES DRAWING	DRAWN <i>K.Y.</i>	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.25 ANGULAR ± 5°		DWG TITLE G48-RM SERIES ,MECHANICAL MOMENTARY/MAINTAINED							
STATUS RELEASE	REVIEW <i>V.W.</i>			DWG NO. G48-1,2,A,B-RM							
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	DATE 2020/4/17	REF: ---			☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 3	RoHS Compliant		SHEET 1 OF 4

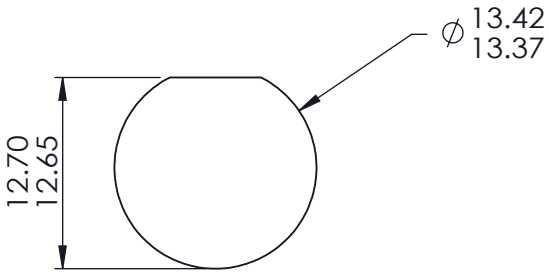
BUSHING MOUNTING



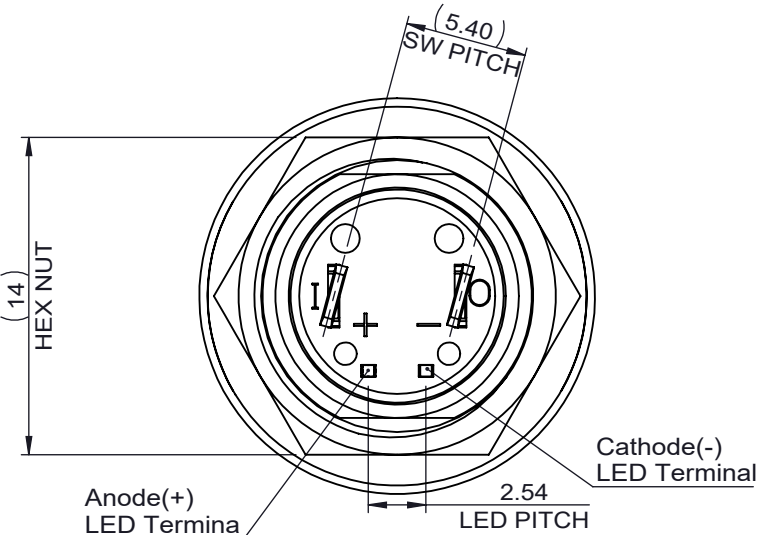
NONE-ILLUMINATION



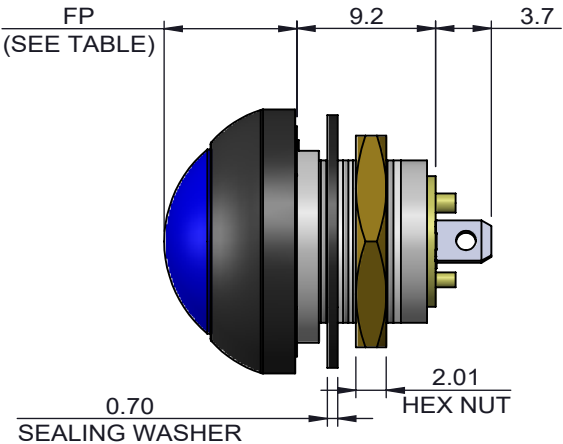
ILLUMINATION



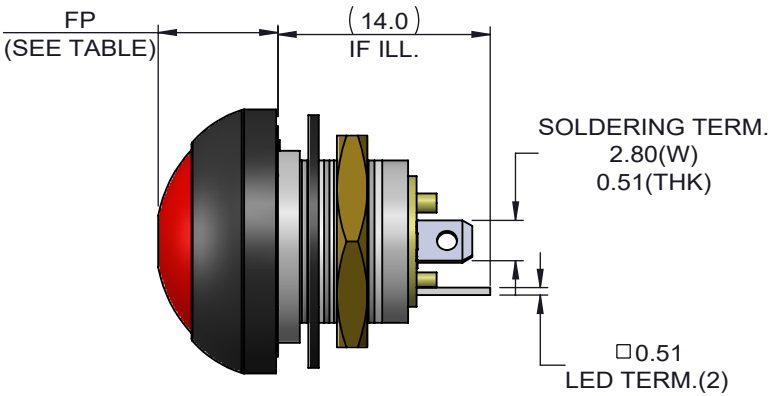
REFERENCE
PANEL CUT-OUT
BUSHING MOUNT



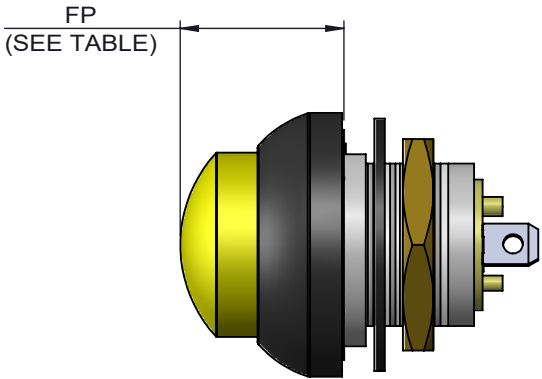
DETAIL FOR TERMINAL POSITION



NONE-ILLUMINATION



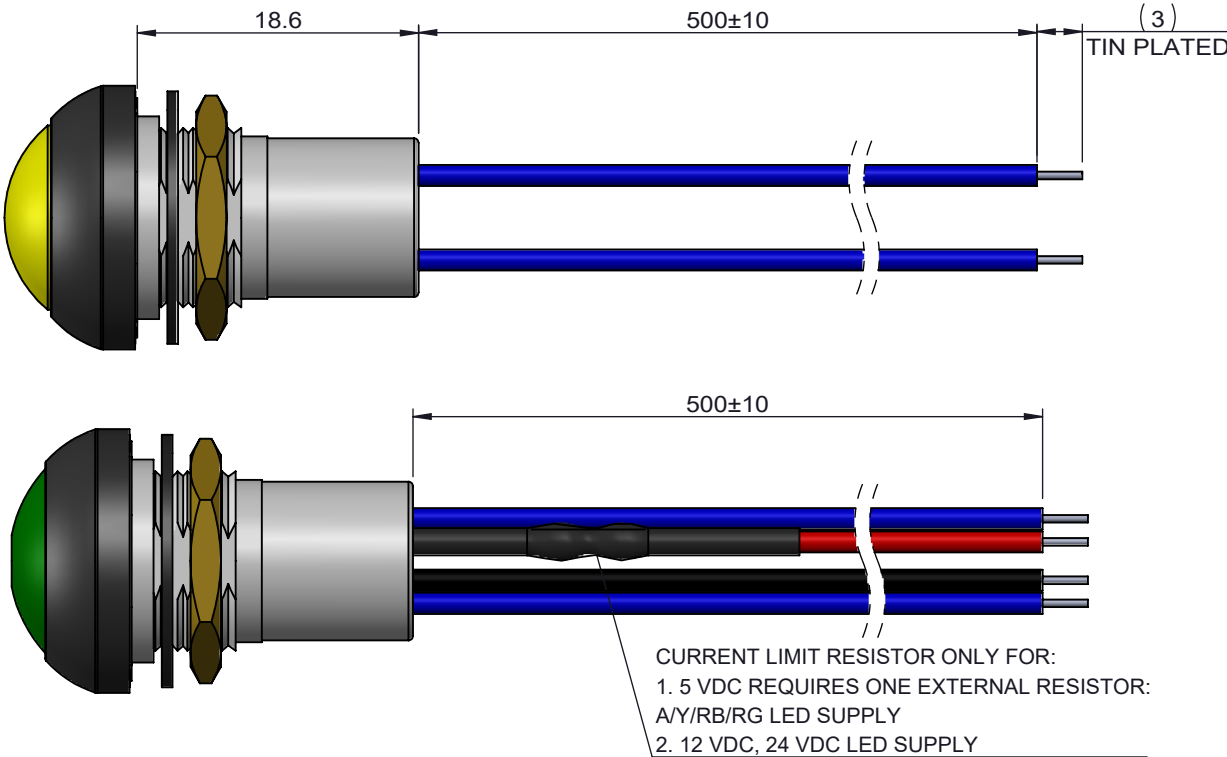
ILLUMINATION



HIGH BUTTON
(ONLY AVAILABLE FOR ROUND BEZEL AND NON-ILL. TYPE)

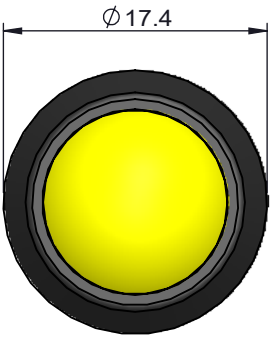
BUTTON TYPE	FP(mm)
NON-ILLUMINATION	8.8±0.5
ILLUMINATION: LIGHT PIPE BUTTON	7.9±0.5
HIGH BUTTON	10.8±0.5

WIRELEADS

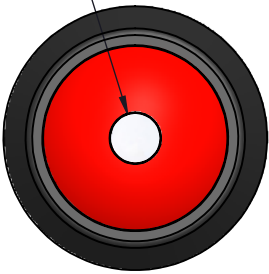


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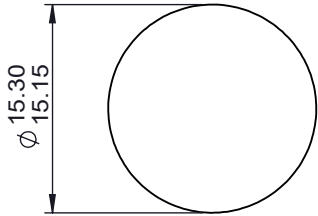
SNAP FIT MOUNTING



NONE-ILLUMINATION

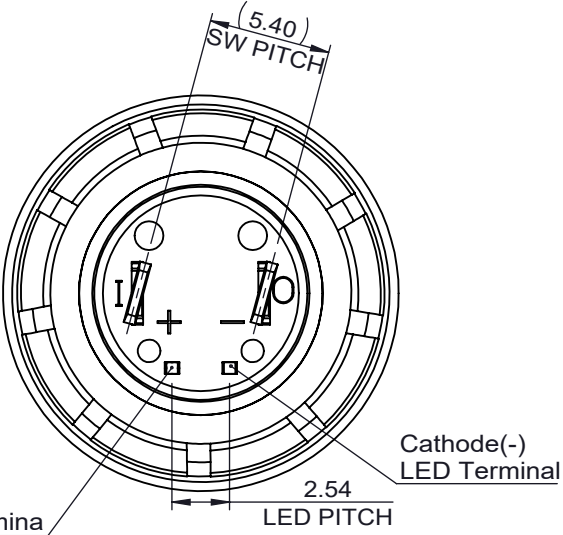


ILLUMINATION

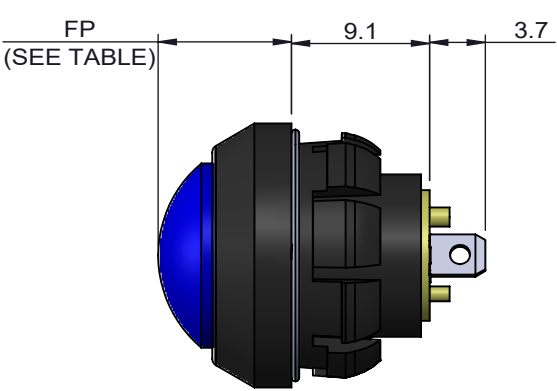


REFERENCE
PANEL CUT-OUT
SNAP FIT MOUNT

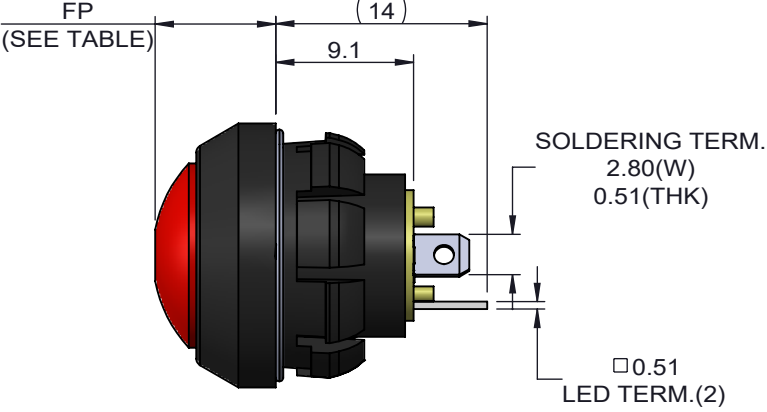
PANEL THICKNESS: 1.0mm , 2.0mm , 3.0mm ±00.5



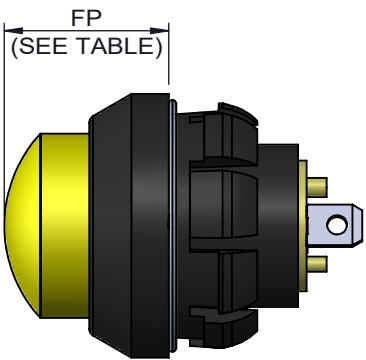
DETAIL FOR TERMINAL POSITION



NONE-ILLUMINATION



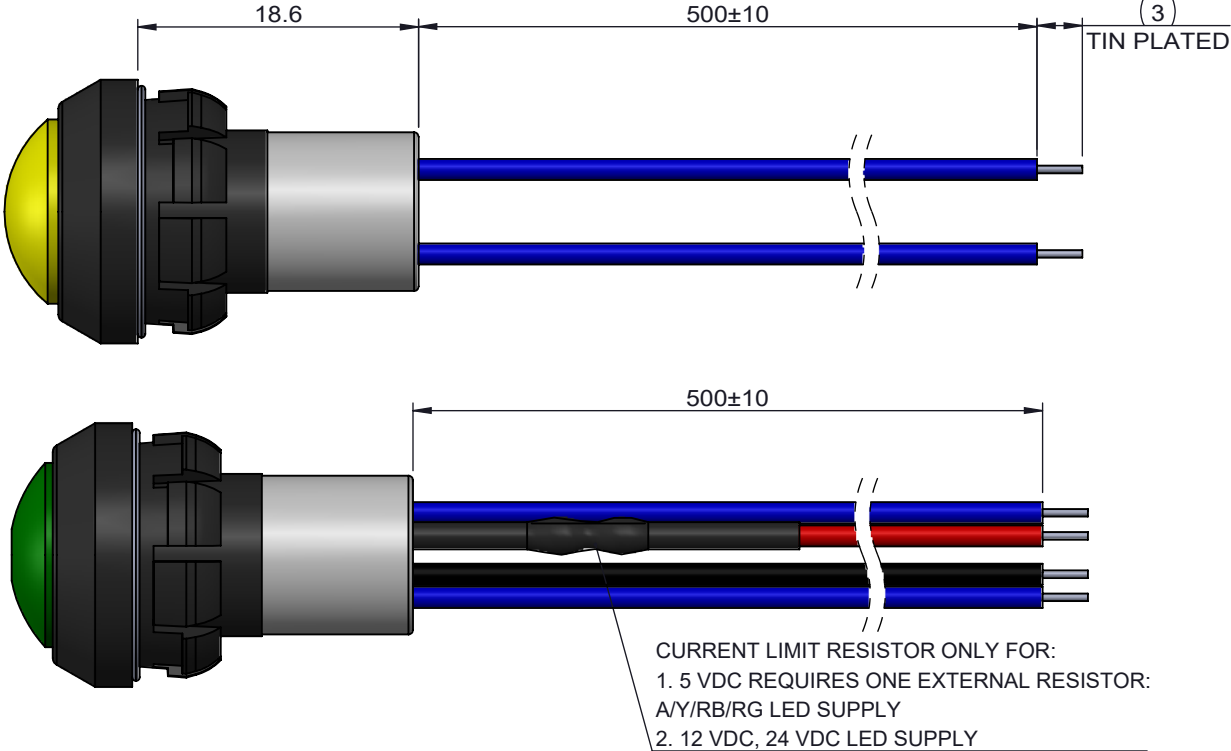
ILLUMINATION



HIGH BUTTON
(ONLY AVAILABLE FOR ROUND BEZEL AND NON-ILL. TYPE)

BUTTON TYPE	FP(mm)
NON-ILLUMINATION	8.8±0.5
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WIRELEADS



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			RoHS Compliant		SHEET 3 OF 4