

W58M- (1) (2) (3) (4) (5)

SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION
A	MECHANICAL, MOMENTARY, WIRELEADS
B	MECHANICAL, MAINTAIN, WIRELEADS

HOUSING MATERIAL CODE	HOUSING DESCRIPTION
1	STAINLESS STEEL
2	ALUMINUM, INHERENT

ILLU. TYPE CODE	ILLUMINATION TYPE DESCRIPTION
0	NON-ILLUMINATION
2	RING ILLUMINATION
3	POWER/STANDBY SYMBOL ILLUMINATION
R	RED BUTTON, NON-ILLUMINATION

LED COLOR CODE	LED COLOR
N	NONE
G	GREEN
R	RED
B	BLUE
W	WHITE
Y	YELLOW
RB	RED/BLUE DUAL
RG	RED/GREEN DUAL
BG	BLUE/GREEN DUAL

LED INLET VOLTAGE CODE	LED INLET VOLTAGE
IF BLANK*	(SEE NOTE)
05	5V
12	12V
24	24V

**MECHANICAL CHARACTERISTICS:**

SWITCH CIRCUITRY: SPST-NO-DB (CONTACT FORM X)  
 SWITCH ACTION: MOMENTARY AND MAINTAINED (PER CHART)  
 BUTTON TRAVEL: 2.3 mm [.090 in] NOMINAL  
 OPERATING FORCE: 306g [3N] NOMINAL  
 CONTACT BOUNCE: 1ms NOMINAL

PANEL THICKNESS: 0.5 - 4.5 mm [.020-.177 in]

CONTACTS: GOLD PLATED

NUT TORQUE FORCE: MAX 11.5 kgf-cm [10 LB-in]

**ENVIRONMENTAL SPECIFICATIONS:**

ACTUATOR INGRESS PROTECTION: IP67

**OPERATING TEMPERATURE:**

NON-ILLUMINATION TYPE: -40° C to +85° C [-40° F to +185° F]  
 ILLUMINATION TYPE: -25° C to +85° C [-13° F to +185° F]

**ELECTRICAL SPECIFICATIONS:****CURRENT RATING:**

MOMENTARY:

250mA@12VDC, 100K cycles

150mA@28VDC, 150K cycles

10mA@12VDC, 1,000K cycles

MAINTAINED : 50,000 CYCLES NOMINAL

DIELECTRIC STRENGTH: 1,000VAC

INSULATION RESISTANCE: 1G OHM

CONTACT RESISTANCE: 250m OHMS MAX (initial)

**LED SPECIFICATIONS:**

SEE LED SPECIFICATION(PAGE 1)

**WIRELEADS SPECIFICATION:**

1. WIRELEADS USED BY AWG26/UL1007

2. SWITCH WIRELEADS:BLUE

**NOTE:**

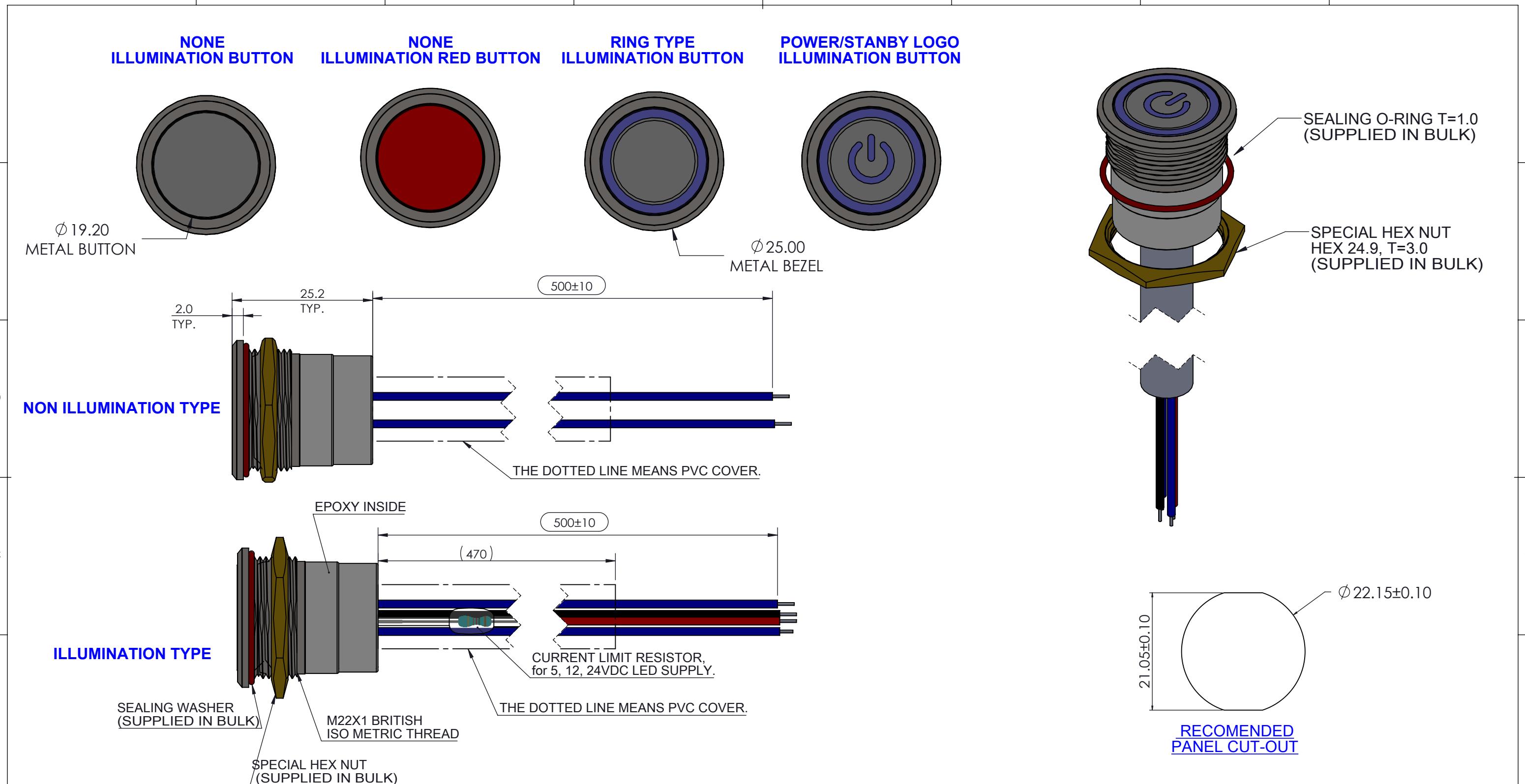
1. CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA

2. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED

LED SPECIFICATION					
LED CODE	LED SINGLE COLOR		Vf(VDC)	If (mA)	CIRCUITRY
	COLOR	TYP.	Vf(VDC)		
R	RED	2.2	20		
Y	YELLOW	2.2	20		
G	GREEN	3.2	20		
B	BLUE	3.2	20		
W	WHITE	3.2	20		
LED CODE	BICOLOR LED		Vf(VDC)	If (mA)	CIRCUITRY
	COLOR1	COLOR2	TYP.		
RB	RED	BLUE	2 (RED) 3.2 (BLUE)	20	
RG	RED	GREEN	2 (RED) 3.2 (GREEN)	20	
BG	BLUE	GREEN	3.4 (BLUE) 3.2 (GREEN)	20	

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

DWG TYPE SALES DRAWING		DRAWN yw	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°	DWG TITLE W58M-MECHANICAL NONE/CENTER SPOT/ POWER STANDBY SYMBOL ILLUMINATION			DWG NO. W58M-A,B			ITW SWITCH LUMEX®			
STATUS	RELEASE	REVIEW JR		APPROVED	THIRD ANGLE PROJECTION	DATE	REF: T48-1, 2	■ 管制文件 □ 非管制文件	Unit mm	SCALE 3:2	REV 5	RoHS Compliant	SHEET 1 OF 3
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DWG TYPE SALES DRAWING	DRAWN <i>yw</i>	TOLERANCES: UNLESS OTHERWISE NOTED $X.X \pm 0.5$ $X.XX \pm 0.2$ ANGULAR $\pm 1^\circ$	DWG TITLE W58M-MECHANICAL NONE/CENTER SPOT/ POWER STANDBY SYMBOL ILLUMINATION	DWG NO. W58M-A,B	ITW SWOTCH LUMEX®			
STATUS RELEASE	REVIEW <i>JR</i>	APPROVED	THIRD ANGLE PROJECTION					
	DATE	REF: T48-1, 2	■ 管制文件 □ 非管制文件	Unit mm	SCALE 3:2	REV 5	RoHS Compliant	SHEET 2 OF 3