



SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION	HOUSING TYPE CODE	BEZEL TYPE DECSRIPTION	LED COLOR CODE	LED COLOR	BUTTON COLOR CODE (SEE NOTE)	BUTTON COLOR	MOUNTING TYPE CODE	MOUNTING TYPE	LED INLET VOLTAGE CODE (SEE LED SPECIFICATION)	LED INLET VOLTAGE	SLEEVE CODE	SLEEVE LENGTH
1	MOMENTARY, SOLDER TERMINAL	RMB	ROUND,METAL HOUSING, MATTE BLACK	N	NONE	(H)RD	RED	B	BUSHING	NON-WIRELEADS	IF BLANK (SEE LED SPECIFICATION TABLE)	IF BLANK	STANDARD
A	MOMENTARY, WIRELEADS	RMS	ROUND,METAL HOUSING, VELOUR CHROME	G	GREEN	(H)GR	GREEN				05 5V (SEE NOTE 3)	D	SHORT
		RMC	ROUND,METAL HOUSING, BRIGHT CHROME	R	RED	(H)BK	BLACK			WIRELEADS	IF BLANK (SEE LED SPECIFICATION TABLE)		
				B	BLUE	(H)BL	BLUE				05 5V (SEE NOTE 3)		
				W	WHITE	(H)YL	YELLOW				12 12V		
				Y	YELLOW	(H)OR	ORANGE				24 24V		
				A	AMBER								

MECHANICAL CHARACTERISTICS:

SWITCH CIRCUITRY: SPST-NO-DB
SWITCH ACTION: MOMENTARY
BUTTON TRAVEL: 2.3mm [.09] NOMINAL
OPERATING FORCE: 306g [3N] NOMINAL
PANEL THICKNESS: 0.5 - 3.0mm [.02 - .12]
CONTACTS: SILVER
LIFE(MECHANICAL): 1,000K CYCLES
NUT TORQUE FORCE: MAX 6 kgf*cm [5.2 LB*in]

ENVIRONMENTAL SPECIFICATIONS:

ACTUATOR INGRESS PROTECTION: IP67
OPERATING TEMPERATURE:
MOMENTARY: -40 °C to +85 °C [-40 °F to +185 °F]

ELECTRICAL SPECIFICATIONS:

CURRENT RATINGS: 2A@24VDC,40K CYCLES NOMINAL
DIELECTRIC STRENGTH: 1,000VAC
INSULATION RESISTANCE: 1G OHM
CONTACT RESISTANCE:
50m OHMS MAX INITIAL(NON-WIRELEADS)
250m OHMS MAX INITIAL(WIRELEADS)

LED SPECIFICATIONS:

CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA.
LED CHARACTERISTICS SEE LED SPECIFICATION TABLE

NOTE:

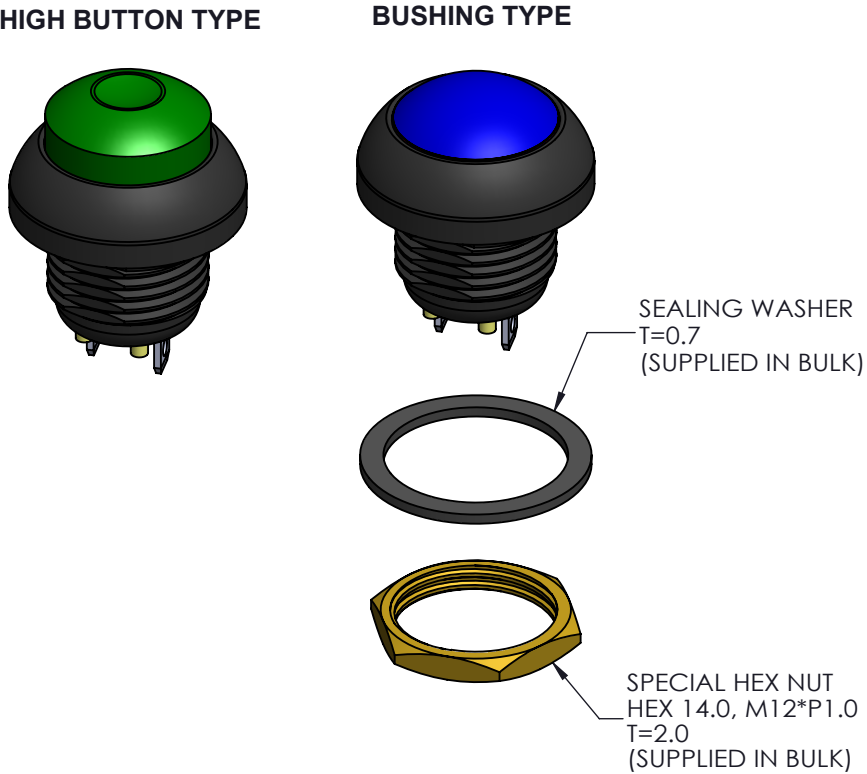
1. SUPPLY HEX NET AND SEALING WASHER BULK IN PACKED
2. HIGH-BUTTON OPTION, DENOTED (H):
ONLY AVAILABLE FOR ROUND BEZEL AND NON-ILL.TYPE
OMIT (H) FOR STANDARD BUTTON
3. INNER RESISTOR ONLY FOR LED: RED / BLUE / GREEN / WHITE

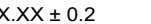
LED SPECIFICATION					
LED CODE	LED SINGLE COLOR		Vf(VDC)	If (mA)	CIRCUITRY
			TYP.		
R	RED		2.0	20	
A	AMBER		2.0	20	
Y	YELLOW		2.0	20	
G	GREEN		3.0	20	
B	BLUE		3.1	20	
W	WHITE		3.3	20	
LED CODE	BICOLOR LED		Vf(VDC)	If (mA)	CIRCUITRY
	COLOR 1	COLOR 2	TYP.		
RB	RED	BLUE	2.0 (RED) 3.3 (BLUE)	20	
RG	RED	GREEN	2.0 (RED) 3.4 (GREEN)	20	

Notes:

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

WIRELEADS SPECIFICATION					
WIRELEADS TYPE	WIRELEADS SPECIFICATION	SW TERMINAL		LED	
				COLOR 1	
		/	O	+	-
ILLUMINATION	AWG26 / UL1007	BLUE	BLUE	RED	BLACK
NON-ILLUMINATION		BLUE	BLUE	--	--



DWG TYPE SALES DRAWING	DRAWN c.c.	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°		DWG TITLE WG48-MECHANICAL MOMENTARY, METAL HOUSING, NONE/CENTER SPOT/POWER STANDBY SYMBOL ILLUMINATION					
STATUS RELEASE	REVIEW --			DWG NO. WG48-1,A-RMX					
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		DATE 2018.04.23	REF: S48-1, 2, 5, 6, A, B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 2 : 1	REV 3	RoHS Compliant	SHEET 1 OF 3

