

WD57M- X X X X XX

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

HOUSING MATERIAL CODE	HOUSING DESCRIPTION
1	ZINC ALLOY,VELOUR CHROMED PLATED

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

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

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

MECHANICAL CHARACTERISTICS:

SWITCH CIRCUITRY: SPST-NO-DB (CONTACT FORM X)
SWITCH ACTION: MOMENTARY
BUTTON TRAVEL: 1.6mm [.063] NOMINAL
OPERATING FORCE: 306g [3N] NOMINAL
CONTACT BOUNCE: 1ms NOMINAL
PANEL THICKNESS: 0.5 - 5.0mm [.020 - .197]
SWITCH CONTACTS: SILVER PLATED
NUT TORQUE FORCE: 11.5 kgf/cm [MAX 10 LB/in]

ENVIROMENTAL SPECIFICATIONS:

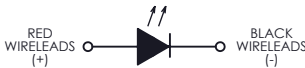
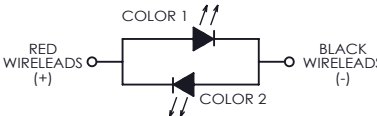
ACTUATOR INGRESS PROTECTION: IP67
OPERATING TEMPERATURE:
NON-ILLUMINATION TYPE: -40°C to +85°C [-40°F to +185°F]
ILLUMINATION TYPE: -40°C to +85°C [-40°F to +185°F]
MOMENTARY: -40°C to +85°C [-40°F to +185°F]

ELECTRICAL SPECIFICATIONS:

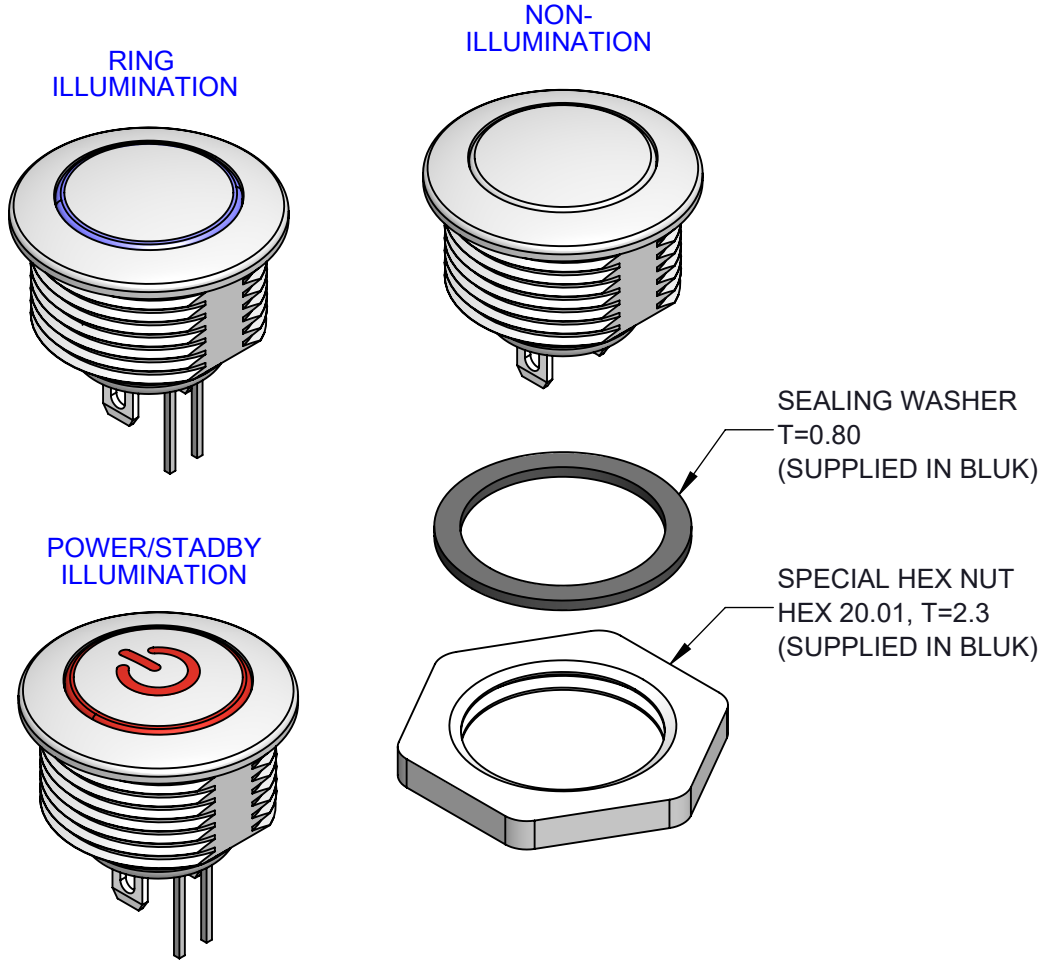
CURRENT RATINGS: 10mA@12VDC, 100K cycles
DIELECTRIC STRENGTH: 1,000VAC
INSULATION RESISTANCE: 1G OHM
CONTACT RESISTANCE:
50m OHMS MAX INITIAL(NON-WIRELEADS)
250m OHMS MAX INITIAL(WIRELEADS)

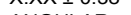
NOTE

1. CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA
2. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED.
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 
	COLOR1	COLOR2	TYP.		
RB	RED	BLUE	2.0(RED) 3.3(BLUE)	20	
RG	RED	GREEN	2.0(RED) 3.4(GREEN)	20	
NOTE: 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>y.w.</i>	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5	DWG TITLE WD57M-MECHANICAL MOMENTARY, SOLDER TERMINAL, MINI HOUSING, WIRELEADS, NONE/RING/POWER-STANDBY ILLUMINATION					
STATUS RELEASE	REVIEW <i>g.y.</i>	X.XX ± 0.38 ANGULAR ±1	DWG NO. WD57M-1,A					
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	DATE 2012.11.13	REF: S57M-9018X	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3 : 2	REV 3		

