

W58M-X

X

X

X

X

SWITCH FUNCTION CODE	INDICATOR FUNCTION DESCRIPTION
1	MECHANICAL, MOMENTARY, SOLDER TERMINAL
2	MECHANICAL, MAINTAINED, SOLDER TERMINAL
5	MECHANICAL, MOMENTARY, P.C. TERMINAL
6	MECHANICAL, MAINTAINED, P.C. TERMINAL

HOUSING MATERIAL CODE	HOUSING DECSRIPTION
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
R	RED
A	AMBER
Y	YELLOW
G	GREEN
B	BLUE
W	WHITE
RB	RED/BLUE
RG	RED/GREEN

LED INLET VOLTAGE CODE	LED INLET VOLTAGE
IF BLANK*	FOLLOW LED SPECIFICATION
05	5V (ONLY FOR R/G/B/W LED)

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]

ENVIROMENTAL 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)

NOTE:
1. CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA
2. SUPPLY HEX NUT AND SEALING ORONG BULK PACKED

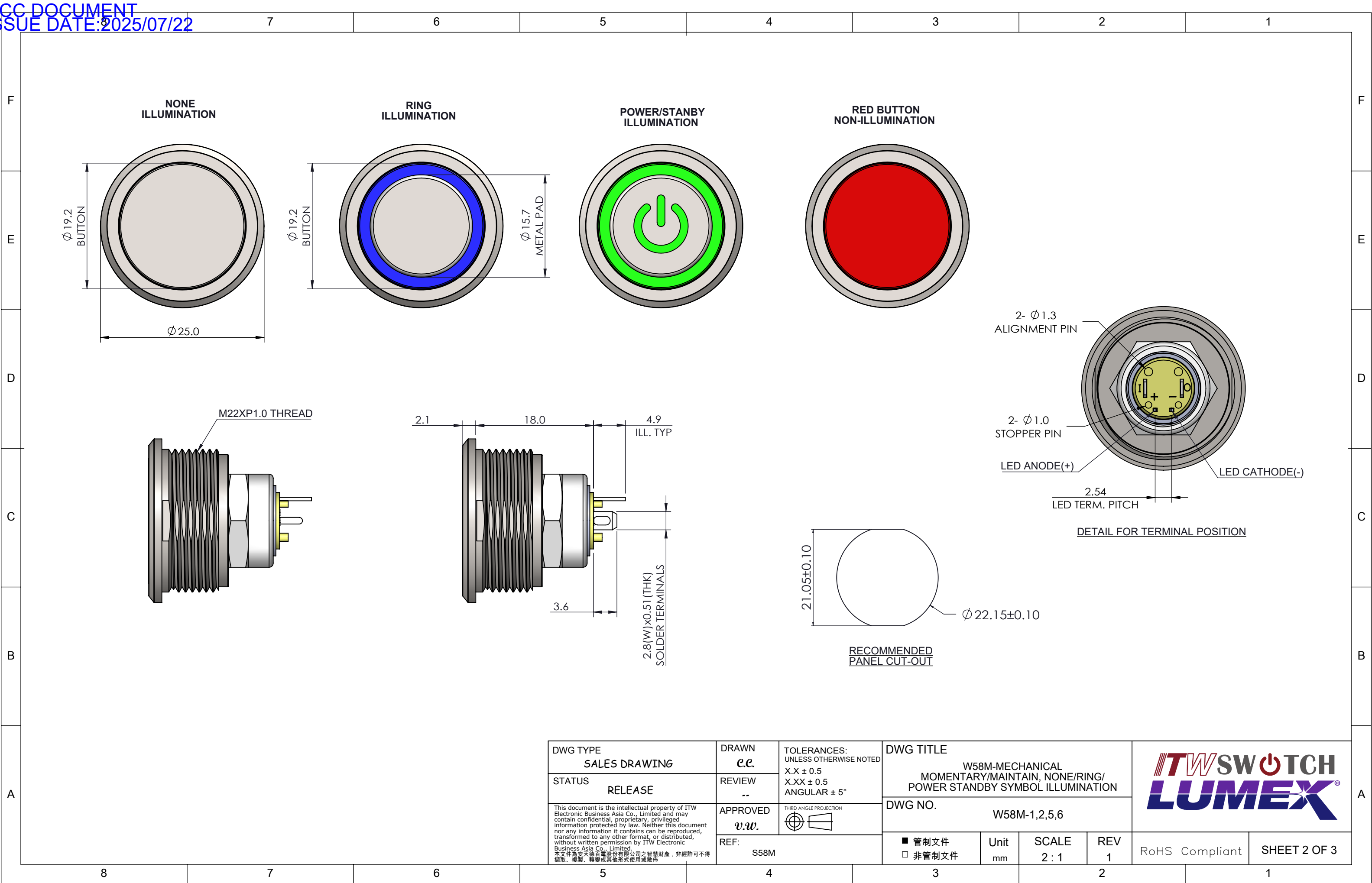
LED SPECIFICATION					
LED CODE	LED SINGLE COLOR	Vf(VDC)	If (mA)	CIRCUITRY	
		TYP.			
R	RED	1.95	20		
A	AMBER	2.0	20		
Y	YELLOW	2.0	20		
G	GREEN	2.9	20		
B	BLUE	2.9	20		
W	WHITE	2.9	20		
LED CODE	BICOLOR LED		Vf(VDC)	If (mA)	CIRCUITRY
	COLOR1	COLOR2	TYP.		
RB	RED	BLUE	2.0(RED) 2.9(BLUE)	20	
RG	RED	GREEN	2.0(RED) 2.9(GREEN)	20	

NOTE:
Hand Soldering Temperature (4mm above from Body) : 300°C for 3 seconds

SEALING WASHER
T=1.0
(SUPPLIED IN BULK)

SPECIAL HEX NUT
HEX 24.89, T=3.0
(SUPPLIED IN BULK)

DWG TYPE	DRAWN	TOLERANCES:	DWG TITLE			
SALES DRAWING	c.e.	UNLESS OTHERWISE NOTED	W58M-MECHANICAL			
STATUS	REVIEW	X.X ± 0.5 X.XX ± 0.5 ANGULAR ± 5°	MOMENTARY/MAINTAIN, NONE/RING/ POWER STANDBY SYMBOL ILLUMINATION			
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	v.w.		W58M-1,2,5,6			
	REF:	S58M		☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 2 : 1
					RoHS Compliant	SHEET 1 OF 3



DWG TYPE SALES DRAWING	DRAWN c.c.	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.5 ANGULAR ± 5°	DWG TITLE W58M-MECHANICAL MOMENTARY/MAINTAIN, NONE/RING/ POWER STANDBY SYMBOL ILLUMINATION						
STATUS RELEASE	REVIEW --		DWG NO. W58M-1,2,5,6						
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	REF: S58M								

DWG TYPE	DRAWN	TOLERANCES: UNLESS OTHERWISE NOTED		DWG TITLE					
SALES DRAWING	<i>e.e.</i>								
STATUS	REVIEW	X.X ± 0.5		W58M-MECHANICAL MOMENTARY/MAINTAIN, NONE/RING/ POWER STANDBY SYMBOL ILLUMINATION					
	RELEASE	<i>--</i>	X.XX ± 0.5 ANGULAR ± 5°						
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	<i>v.w.</i>								
	REF:	S58M	☒ 管制文件 ☐ 非管制文件		Unit	SCALE	REV	RoHS Compliant	SHEET 3 OF 3
				mm	2 : 1	1			