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W57M—

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SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION
E	MECHANICAL,MOMENTARY,SOLDER TERMINAL
F	MECHANICAL,MAINTAIN,SOLDER TERMINAL
G	MECHANICAL,MOMENTARY,P.C. TERMINAL
H	MECHANICAL,MAINTAIN,P.C. TERMINAL

HOUSING MATERIAL CODE	HOUSING DECSRIPTION
1	ZINC ALLOY,VELOUR CHROME PLATED
2	ZINC ALLOY,MIRROR BLACK
3	ZINC ALLOY, MATT BLACK
4	STAINLESS STEEL, NATURAL

BUTTON TYPE CODE	BUTTON TYPE DESCRIPTION
1	CENTER SPOT ILLUMINATION
2	RING ILLUMINATION
3	POWER/STANDBY SYMBOL ILLUMINATION
4	HIGH BUTTON NON-ILLUMINATION
1. VELOUR CHROME / MATT BLACK / STAINLESS STEEL BUTTON SUPPLY FOR: RING ILL. / POWER ILL. 2. MIRROR BLACK BUTTON SUPPLY FOR: CENTER SPOT ILL.	

LED COLOR CODE	LED COLOR
R	RED
A	AMBER
Y	YELLOW
B	BLUE
G	GREEN
W	WHITE
RB	RED/BLUE
RG	RED/GREEN

LED INLET VOLTAGE CODE	LED INLET VOLTAGE
IF BLANK*	FOLLOW LED SPECIFICATION
05	5V (SEE NOTE3)

MECHANICAL CHARACTERISTICS:

SWITCH CIRCUITRY: SPST-NO-DB (CONTACT FORM X)

SWITCH ACTION: MOMENTARY/MAINTAINED (PER CHART)

BUTTON TRAVEL: .090 [2.3mm] NOMINAL

OPERATING FORCE: 3N [306g] NOMINAL

CONTACT BOUNCE: 1ms NOMINAL

PANEL THICKNESS: .020 - .236 [0.5 - 6.0mm]

SWITCH CONTACTS: GOLD PLATED

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

ENVIRONMENTAL SPECIFICATIONS:

ACTUATOR INGRESS PROTECTION: IP67

OPERATING TEMPERATURE:

MOMENTARY TYPE: -40°F to +185°F [-40°C to +85°C]

MAINTAINED TYPE: -13°F to +185°F [-25°C to +85°C]

ELECTRICAL SPECIFICATIONS:

MOMENTRAY: 10mA@12VDC, 1,000K CYCLES NOMINAL

MAINTAINED : 50K CYCLES NOMINAL

DIELECTRIC STRENGTH: 1,000VAC

INSULATION RESISTANCE: 1G OHM

CONTACT RESISTANCE: 50m 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 WASHER BULK PACKED

3.INNER RESISTOR ONLY FOR LED :RED / BLUE / GREEN / WHITE.

FLAT SIDE(ONLY FOR POWER/STANDBY SYMBOL ALIGNMENT)

Ø 16.15±0.10

14.80±0.10

RECOMENDED PANEL CUT-OUT

SEALING WASHER
T=0.80
(SUPPLIED IN BLUK)

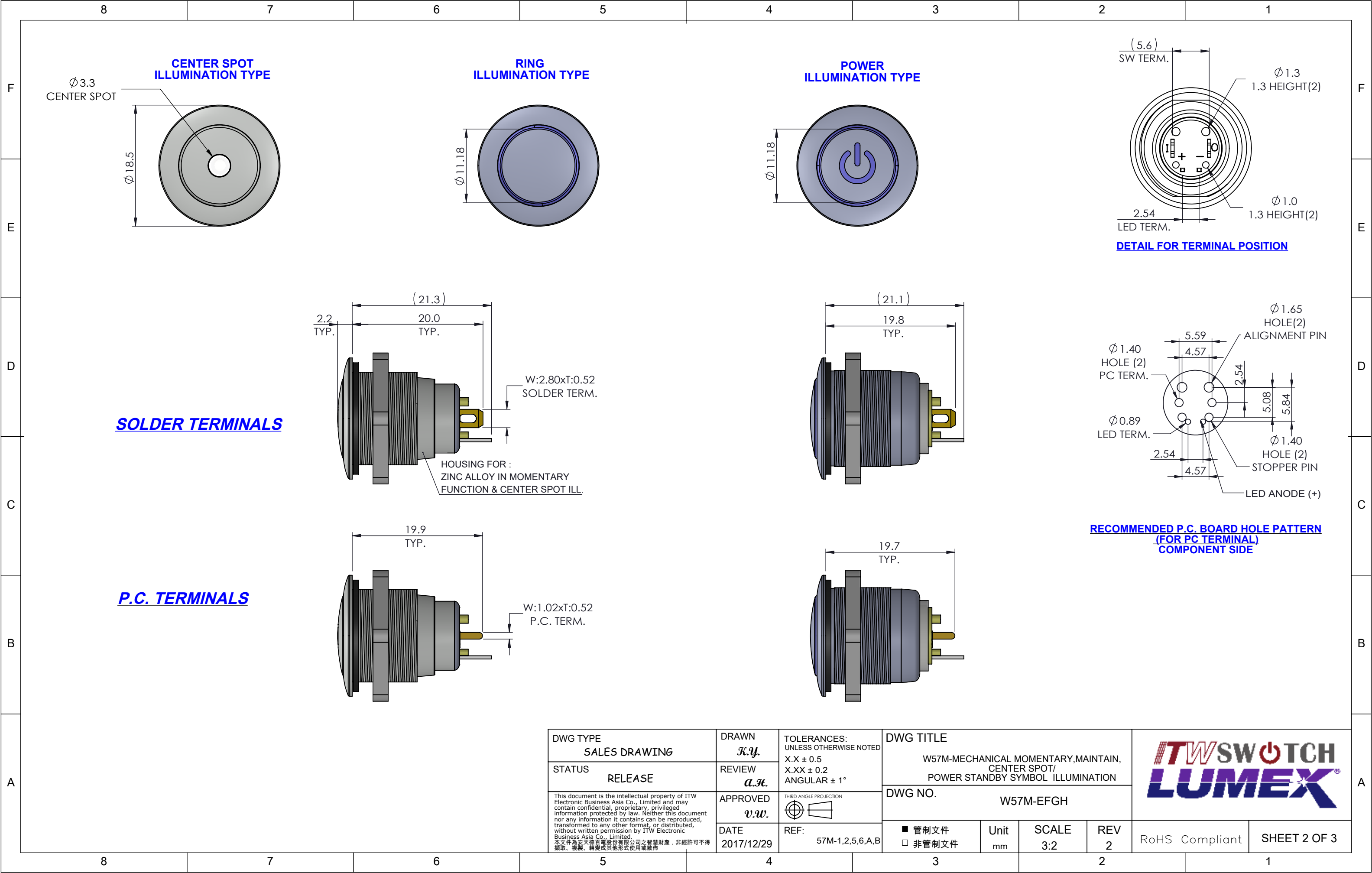
SPECIAL HEX NUT
HEX 20.01, T=2.3
(SUPPLIED IN BLUK)

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 (4mmabove from Body) : 320°C for 3 seconds

DWG TYPE	DRAWN	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°	DWG TITLE								
SALES DRAWING	K.Y.		W57M-MECHANICAL MOMENTARY,MAINTAIN, CENTER SPOT/ POWER STANDBY SYMBOL ILLUMINATION								
STATUS	RELEASE	REVIEW	a.H.	DWG NO.					W57M-EFGH		
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		DATE	2017/12/29	REF:					57M-1,2,5,6,A,B		
								☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 2



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