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WSA57M—

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SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION
2	MECHANICAL,MAINTAIN,SOLDER TERMINAL
B	MECHANICAL,MAINTAIN,NO/NO WIRELEADS
D	MECHANICAL,MAINTAIN,NC/NC WIRELEADS
F	MECHANICAL,MAINTAIN,NO/NC WIRELEADS

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

HOUSING ADAPTATION	BUTTON TYPE CODE	BUTTON TYPE DESCRIPTION
ZINC ALLOY & STAINLESS STEEL HOUSING	0	NON.-ILLUMINATION
ZINC ALLOY HOUSING ONLY	1	CENTER SPOT ILLUMINATION
ZINC ALLOY & STAINLESS STEEL HOUSING	2	RING ILLUMINATION
	3	POWER/STANDBY SYMBOL ILLUMINATION
STAINLESS STEEL HOUSING	4	HIGH BUTTON NON-ILLUMINATION

LED COLOR CODE	LED COLOR
N	NONE
R	RED
B	BLUE
G	GREEN
Y	YELLOW
W	WHITE

LED INLET VOLTAGE CODE		LED INLET VOLTAGE
NON-WIRELEADS	IF BLANK*	FOLLOW LED SPECIFICATION
WIRELEADS	IF BLANK*	FOLLOW LED SPECIFICATION
	05	5V
	12	12V
	24	24V

ANY CODE	DESCRIPTION
IF BLANK*	NA
XXX	PER CUSTOMER SPECIAL REQUEST

MECHANICAL CHARACTERISTICS:

SWITCH CIRCUITRY: SPDT-DB

SWITCH ACTION: MAINTAINED (PER CHART)

PRE-TRAVEL: 1.27 mm NOMINAL

OVER-TRAVEL: 0.254 mm NOMINAL

TOTAL TRAVEL: 1.524 mm NOMINAL

OPERATING FORCE: 525 g [5.15N] NOMINAL

RELEASEING FORCE: 340 g NOMINAL

PANEL THICKNESS: 0.5-6.0mm

SPDT-DB SCHEMATIC

LED SPECIFICATION

LED CODE	LED Color	CIRCUITRY	Vf(VDC) Color	If (mA)
R	RED		1.8 ~ 2.5	20
B	BLUE		2.8 ~ 3.5	20
G	GREEN		2.8 ~ 3.5	20
Y	YELLOW		1.8 ~ 2.5	20
W	WHITE		2.8 ~ 3.5	20

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

WIRELEADS SPECIFICATION

WIRELEADS TYPE	WIRELEADS SPECIFICATION	SW TERMINAL	SW TERMINAL	LED COLOR	
		NO	NC	+	-
ILLUMINATION	AWG24 / UL1007	BLUE	YELLOW	RED	BLACK
NON-ILLUMINATION		BLUE	YELLOW	-	-

CONTACTS: SILVER

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

ELECTRICAL LIFE:

MAINTAINED: 5A@28VDC 25KCYCLES NOMINAL.

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE: -40 °C to +85 °C[-40 °F to +185 °F]

IP67 COMPLIANT

ELECTRICAL SPECIFICATIONS:

DIELECTRIC STRENGTH: 1,000VAC

INSULATION RESISTANCE: 1G OHM

CONTACT RESISTANCE:

50m /250m OHMS MAX INITIAL(NON-WIRELEAD / WIRELEADS)

LED SPECIFICATIONS:

SEE LED SPECIFICATION

CERTIFICATION: UL 61058

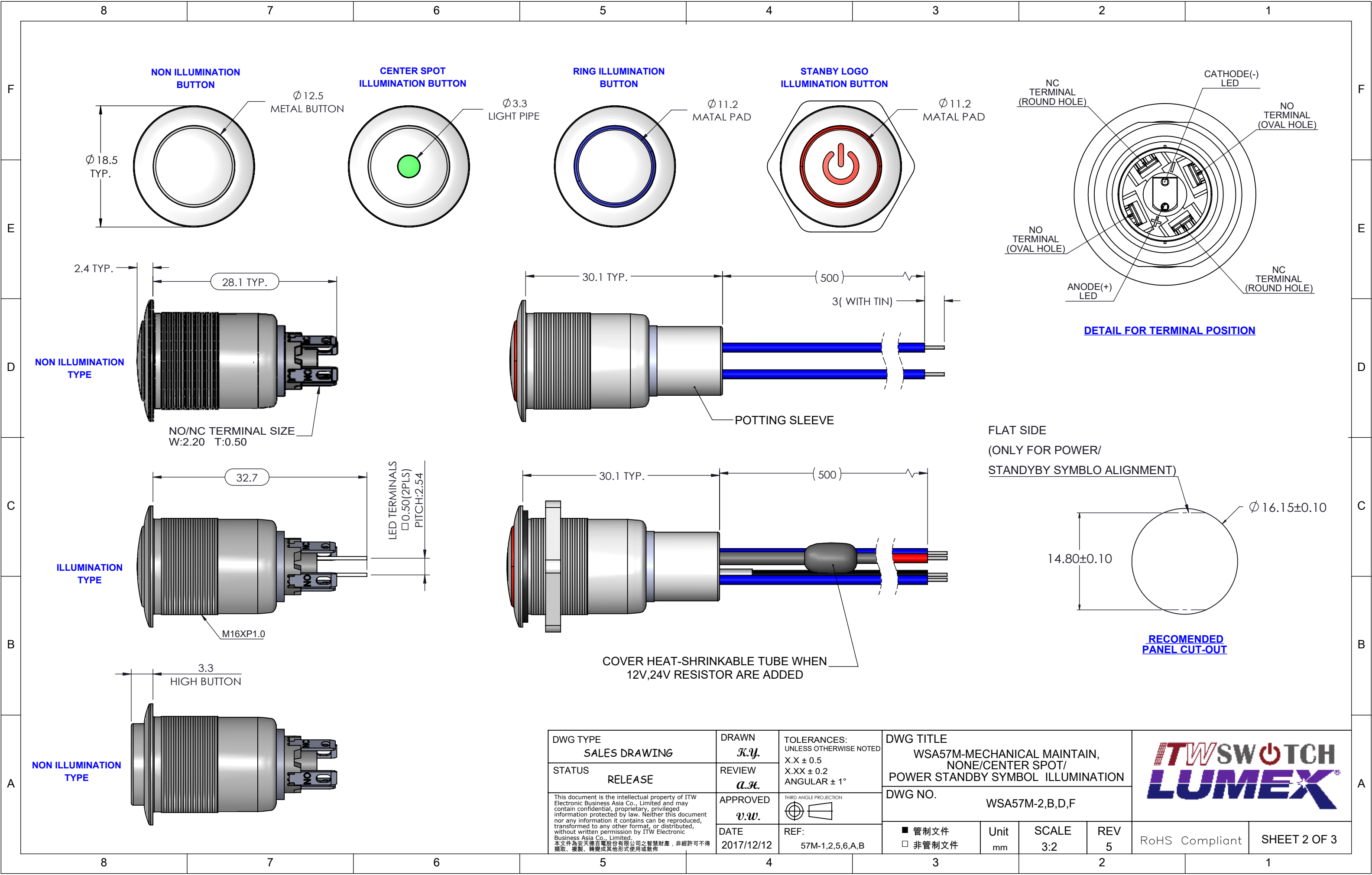
* NOTE:

1.SUPPLY HEX NUT AND SEALING WASHER BULK IN PACKED

SEALING WASHER
T=0.80
(SUPPLIED IN BULK)

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

DWG TYPE SALES DRAWING	DRAWN K.Y.	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°	DWG TITLE WSA57M-MECHANICAL MAINTAIN, NONE/CENTER SPOT/ POWER STANDBY SYMBOL ILLUMINATION								
STATUS RELEASE	REVIEW A.H.		DWG NO. WSA57M-2,B,D,F								
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