

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 (4mmabove 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	--	--

RING ILLUMINATION

POWER/STADBY ILLUMINATION

NON-ILLUMINATION

SEALING WASHER
T=0.80
(SUPPLIED IN BLUK)

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

DWG TYPE
SALES DRAWING

STATUS
RELEASE

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DRAWN
y.w.

REVIEW
g.y.

APPROVED
p.l.

DATE
2012.11.13

TOLERANCES:
UNLESS OTHERWISE NOTED
X.X ± 0.5
X.XX ± 0.38
ANGULAR ±1

THIRD ANGLE PROJECTION

REF:
S57M-9018X

DWG TITLE
WD57M-MECHANICAL MOMENTARY, SOLDER TERMINAL, MINI HOUSING, WIRELEADS, NONE/RING/POWER-STANDBY ILLUMINATION

DWG NO.
WD57M-1,A

管制文件
非管制文件

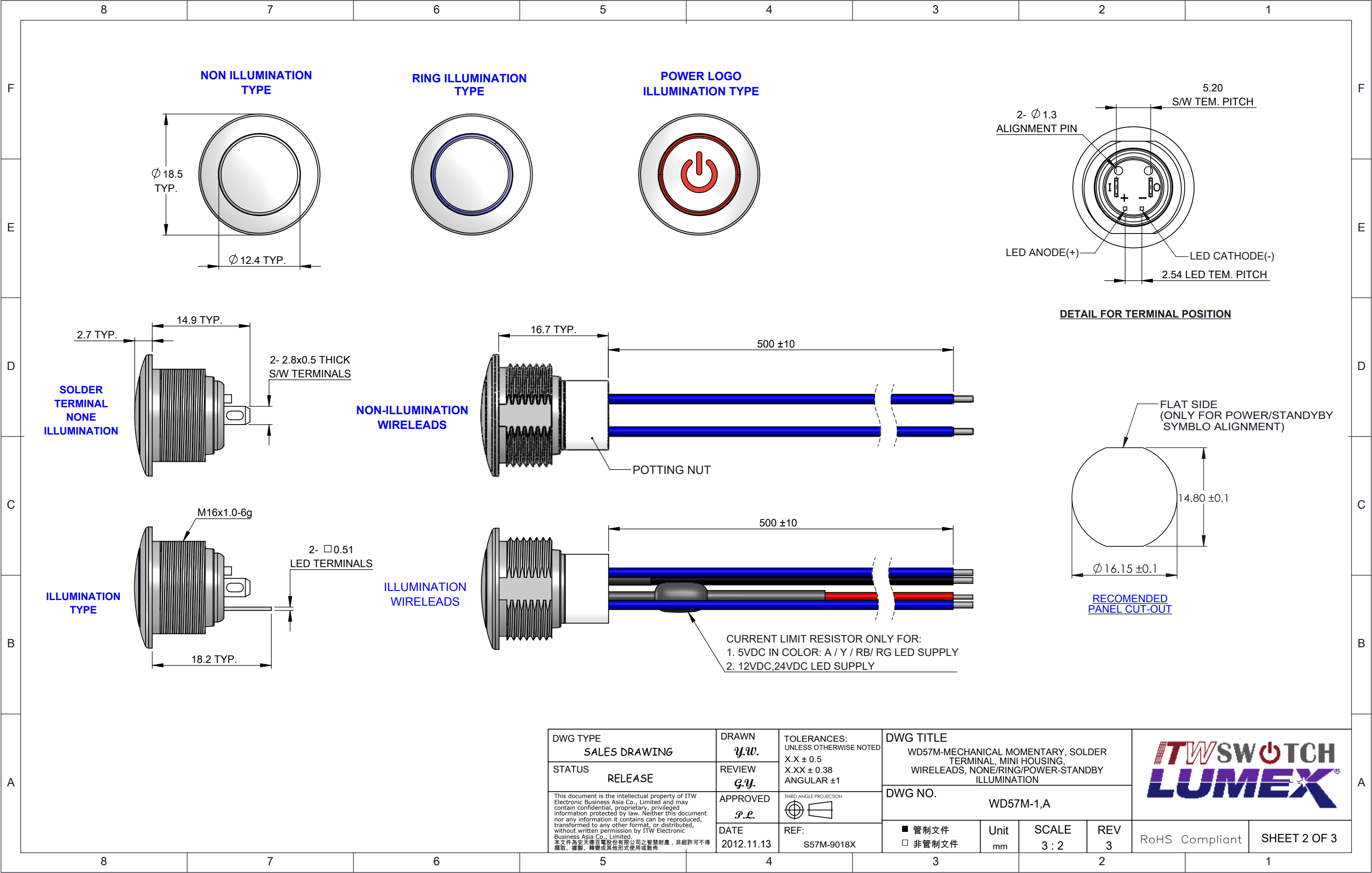
Unit
mm

SCALE
3 : 2

REV
3

RoHS Compliant

SHEET 1 OF 3



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