

F

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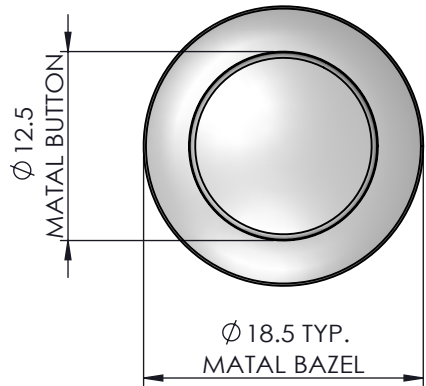
D

C

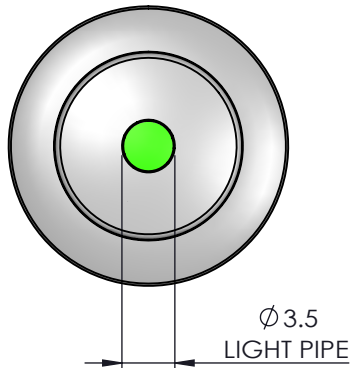
B

A

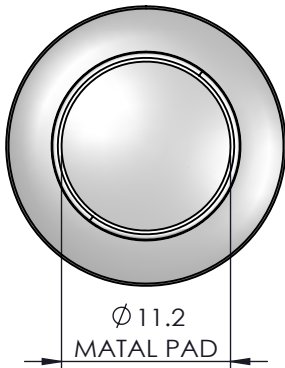
NON-ILLUMINATION



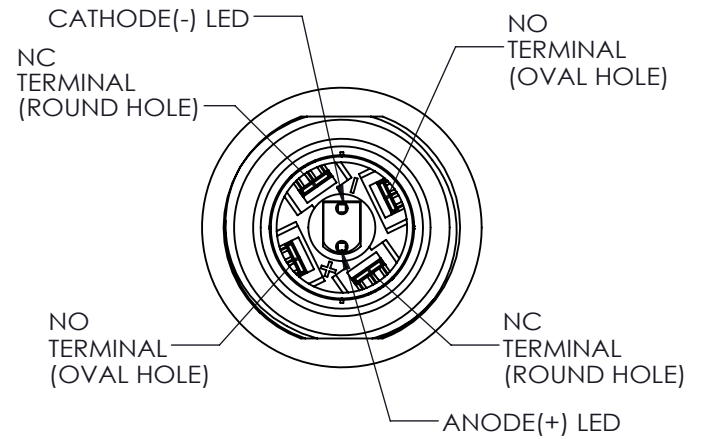
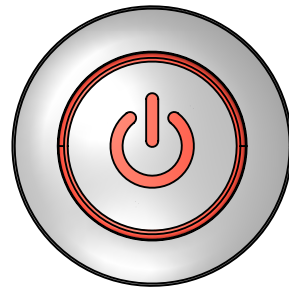
CENTER SPOT ILLUMINATION



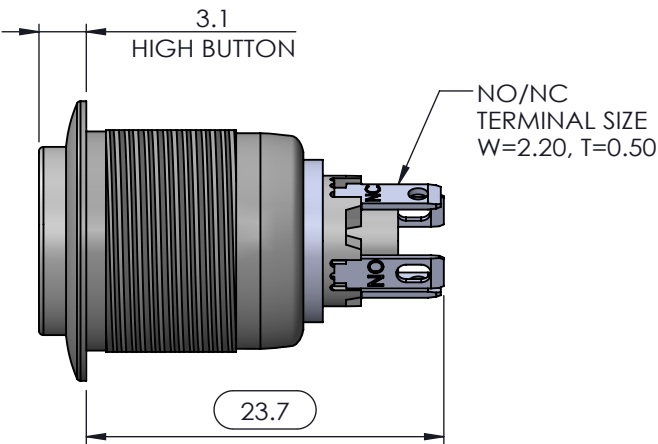
RING ILLUMINATION



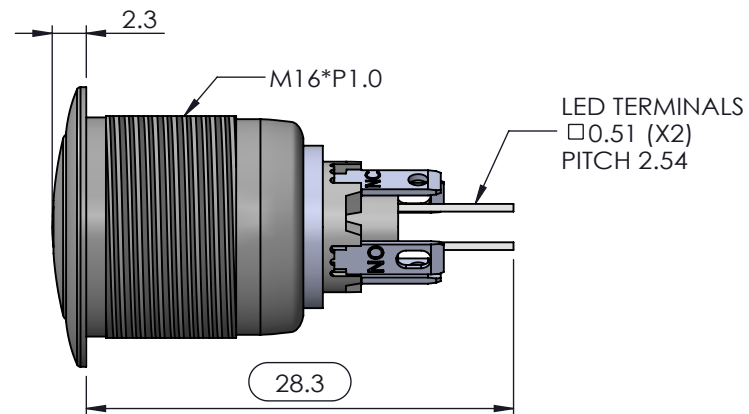
POWER/STANDBY ILLUMINATION



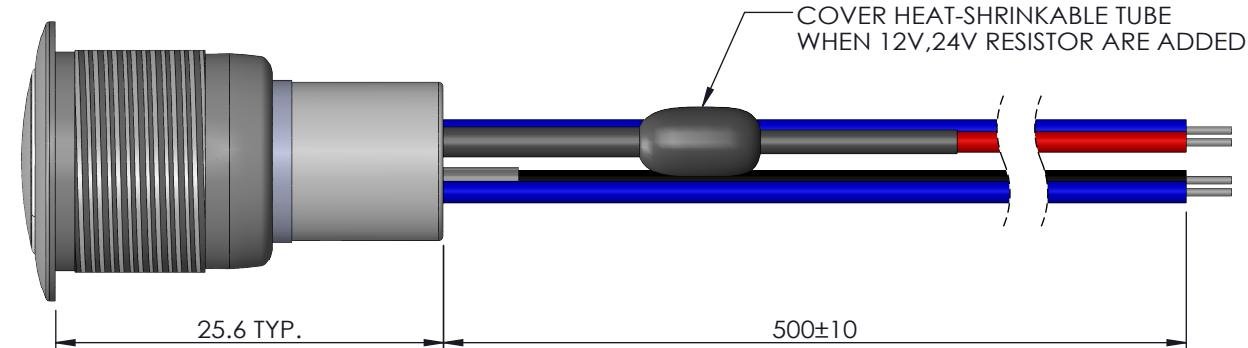
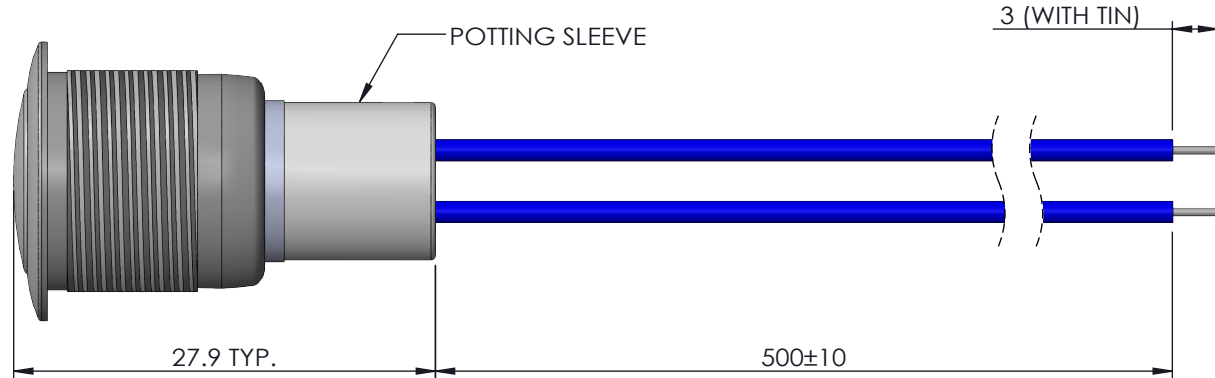
DETAIL FOR TERMINAL POSITION



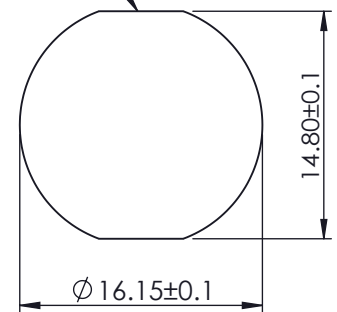
NON-ILLUMINATION TYPE



ILLUMINATION TYPE

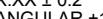


FLAT SIDE
(ONLY FOR POWER/STANDBY
SYMBLO ALIGNMENT)



RECOMENDED PANEL CUT-OUT

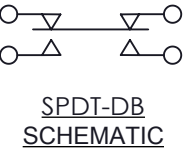
DWG TYPE SALES DRAWING	DRAWN c.c.	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ±1°	DWG TITLE WSA57M-MECHANICAL MOMENTARY, NON/CENTER SPOT/ RING/POWER-STANDBY ILLUMINATION							
STATUS RELEASE	REVIEW --		DWG NO. WSA57M-1,A,C,E							
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			DATE 2017/6/27	REF: 57M-1, 2, 5, 6, A, B	■ 管制文件 □ 非管制文件	Unit mm	SCALE 2 : 1	REV 6	RoHS Compliant	SHEET 2 OF 3

DWG TYPE SALES DRAWING	DRAWN cc	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°	DWG TITLE WSA57M-MECHANICAL MOMENTARY, NON/CENTER SPOT/ RING/POWER-STANDBY ILLUMINATION						
STATUS RELEASE	REVIEW --		DWG NO. WSA57M-1,A,C,E						
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	DATE 2017/6/27	REF: 57M-1. 2. 5. 6. A. B							



SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION	HOUSING MATERIAL CODE	HOUSING DECSRIPTION	HOUSING ADAPTATION	BUTTON TYPE CODE	BUTTON TYPE DESCRIPTION	LED COLOR CODE	LED COLOR	LED INLET VOLTAGE CODE		LED INLET VOLTAGE	ANY CODE	DESCRIPTION
2	MECHANICAL,MAINTAIN,SOLDER TERMINAL	1	ZINC ALLOY,VELOUR CHROME PLATED	ZINC ALLOY & STAINLESS STEEL HOUSING	0	NON.-ILLUMINATION	N	NONE	NON- WIRELEADS	IF BLANK*	FOLLOW LED SPECIFICATION	IF BLANK*	NA
B	MECHANICAL,MAINTAIN,NO/NO WIRELEADS	3	ZINC ALLOY, MATT BLACK	ZINC ALLOY HOUSING ONLY	1	CENTER SPOT ILLUMINATION	R	RED	WIRELEADS	IF BLANK*	FOLLOW LED SPECIFICATION	xxx	PER CUSTOMER SPECIAL REQUEST
D	MECHANICAL,MAINTAIN,NC/NC WIRELEADS	4	STAINLESS STEEL, NATURAL	ZINC ALLOY & STAINLESS STEEL HOUSING	2	RING ILLUMINATION	B	BLUE		05	5V		
F	MECHANICAL,MAINTAIN,NO/NC WIRELEADS			3	POWER/STANDBY SYMBOL ILLUMINATION	Y	YELLOW	12		12V			
				4	HIGH BUTTON NON-ILLUMINATION	W	WHITE	24		24V			

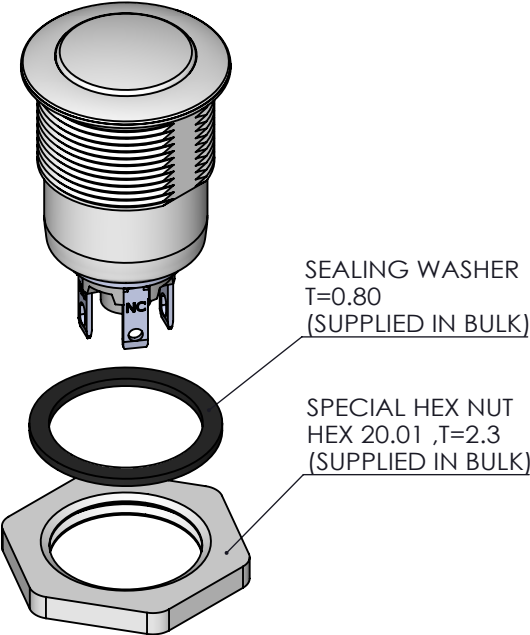
MECHANICAL CHARACTERISTICS:
 SWITCH CIRCUITRY: SPDT-DB
 SWITCH ACTION: MAINTAINED (PER CHART)
 PRE-TRAVEL: 1.27 mm NOMINAL
 OVER-TRAVEL: 0.254 mm NOMINAL
 TOTAL TRAVEL: 1.524 mm NOMINAL
 OPERATING FORCE: 525 g [5.15N] NOMINAL
 RELEASEING FORCE: 340 g NOMINAL
 PANEL THICKNESS: 0.5-6.0mm



LED CODE	LED Color	CIRCUITRY	Vf(VDC)	If (mA)
			Color	
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, 5A@125/250VAC , 25K CYCLES NOMINAL

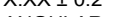
ENVIROMENTAL SPECIFICATIONS:
OPERATING TEMPERATURE: -40 °C to +85 °C[-40 °F to +185 °F]
IP67 COMPLIANT

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

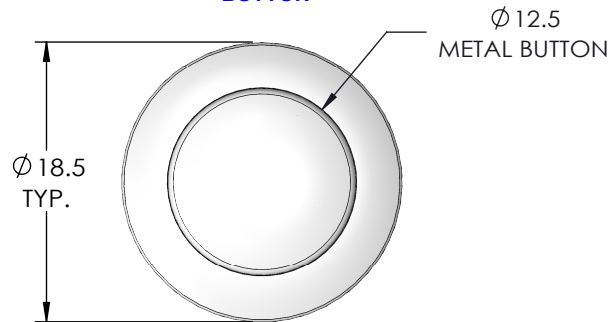
* NOTE:
1.SUPPLY HEX NUT AND SEALING WASHER BULK IN PACKED

DWG TYPE SALES DRAWING	DRAWN <i>K.Y.</i>	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 <i>A.H.</i>			DWG NO. WSA57M-2,B,D,F					
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	DATE 2017/12/12	REF: 57M-1,2,5,6,A,B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 6	RoHS Compliant	SHEET 1 OF 3	

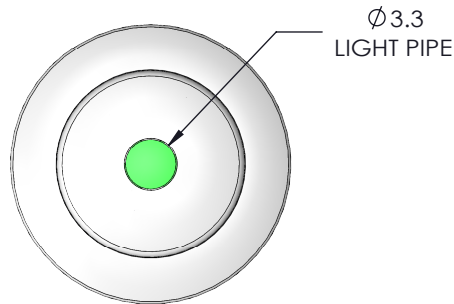
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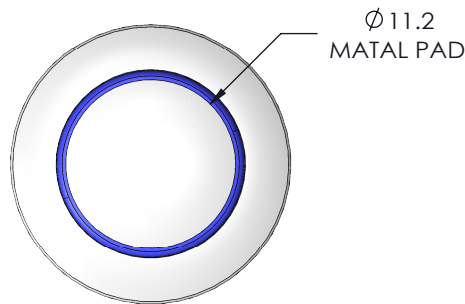
NON ILLUMINATION
BUTTON



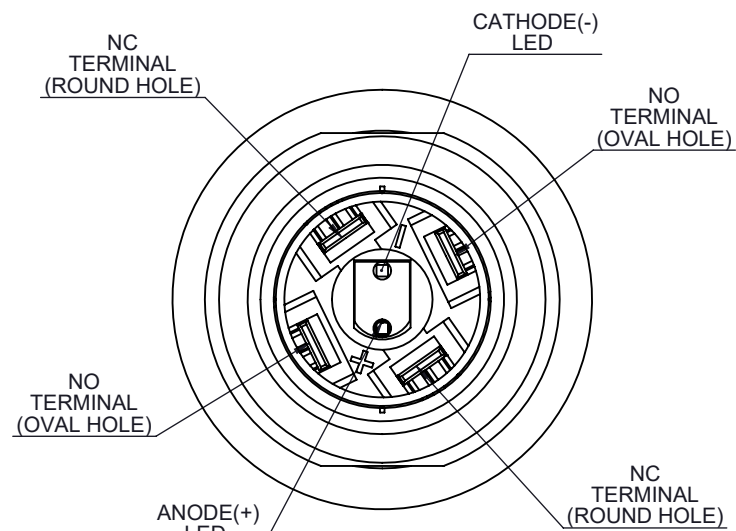
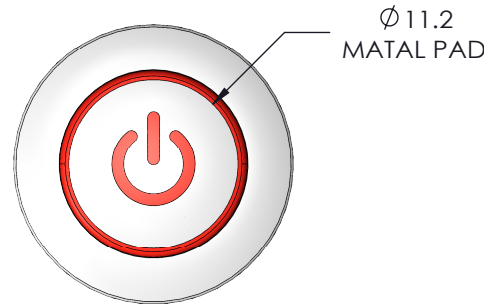
CENTER SPOT
ILLUMINATION BUTTON



RING ILLUMINATION
BUTTON

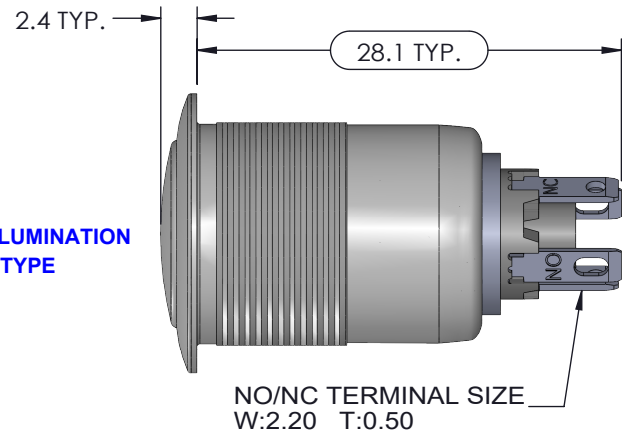


STANBY LOGO
ILLUMINATION BUTTON

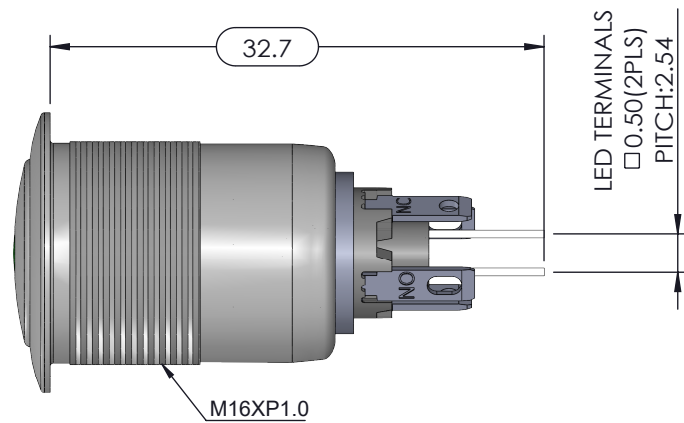


DETAIL FOR TERMINAL POSITION

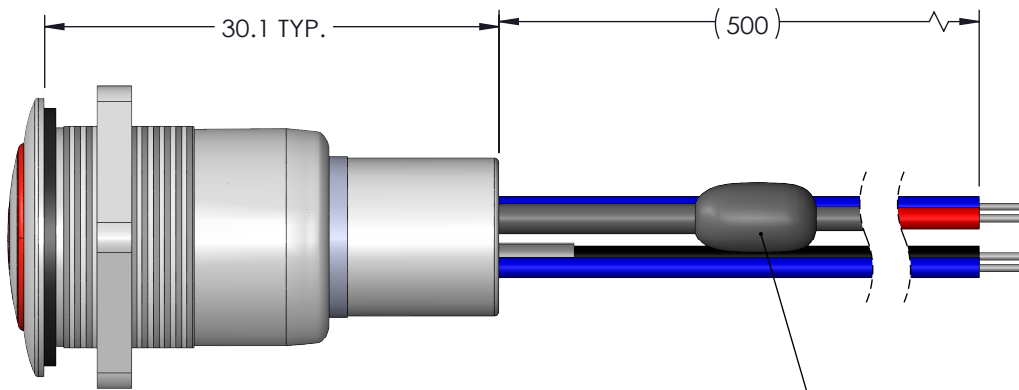
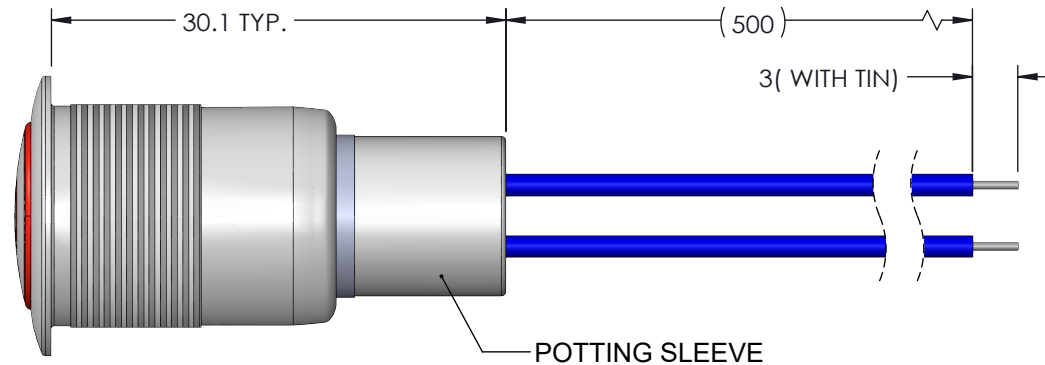
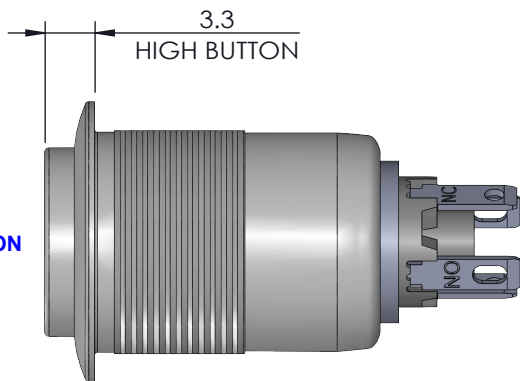
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TYPE



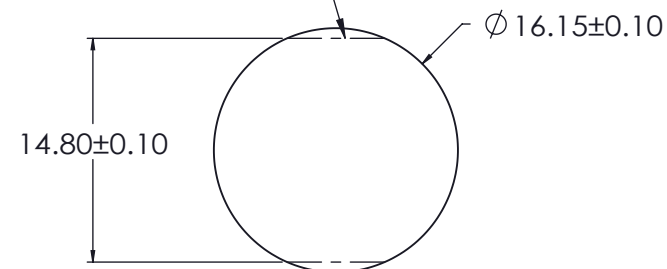
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TYPE

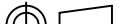


NON ILLUMINATION
TYPE



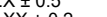
FLAT SIDE
(ONLY FOR POWER/
STANDYBY SYMBLO ALIGNMENT)



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	DATE 2017/12/12	REF: 57M-1,2,5,6,A,B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 6	RoHS Compliant	SHEET 2 OF 3	

REVISION RECORD

REV.	DESCRIPTION	DATE	DRAWN BY	DOCUMENT NO.
1	FOR SALES DRAWING	2018.12.12	K.Y.	DCN-201700063
2	ADDING ELECTRICAL SPECIFICATIONS	2018/3/21	K.Y.	DCN-201800048
3	ADDING UL 61058 CERTIFICATION	2018/5/31	K.Y.	DCN-201800067
4	ADDING BUTTON OPTION "HIGH BUTTON,NON-ILL. TYPE"	2020/9/10	K.Y.	DCN-202000096
5	REDRAWN	2021/5/11	C.C.	DCN-202100075
6	ADD ELECTRICAL LIFE 5A@125/250VAC	2022.08.29	C.C.	DCN-202200068

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STATUS RELEASE	REVIEW <i>a.H.</i>	X.X ± 0.5 X.XX ± 0.2 ANGULAR ± 1°						
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DATE 2017/12/12		REF: 57M-1.2.5.6.A.B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 6	RoHS Compliant	SHEET 3 OF 3