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WSA58M— ① ② ③ ④ ⑤ — ⑥

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 DESCRIPTION
1	STAINLESS STEEL
2	ALUMINUM, INHERENT

HOUSING ADAPTATION	BUTTON TYPE CODE	BUTTON DESCRIPTION
STAINLESS STEEL & ALUMINUM INHERENT HOUSING	0	NON-ILLUMINATION
	2	RING ILLUMINATION
	3	POWER/STANDBY ILLUMINATION
ALUMINUM INHERENT HOUSING	R	RED BUTTON, ONLY FOR NON-ILLUMINATION
	G	GREEN BUTTON, ONLY FOR NON-ILLUMINATION
	Y	YELLOW BUTTON, ONLY FOR NON-ILLUMINATION
	B	BLUE BUTTON, ONLY FOR NON-ILLUMINATION
	D	GOLD BUTTON, ONLY FOR 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
	IF BLANK*	FOLLOW LED SPECIFICATION
WIRELEADS	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: 0.5-4.5mm

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)

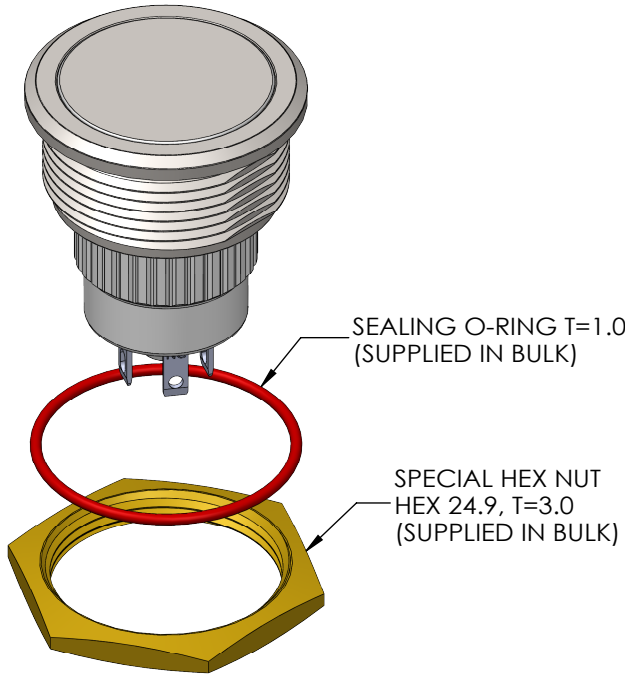
LED SPECIFICATIONS:
SEE LED SPECIFICATION

CERTIFICATION: UL 61058

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

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	SW :AWG24 / UL1007 LED: AWG26/UL1007	BLUE	YELLOW	RED	BLACK
NON-ILLUMINATION		BLUE	YELLOW	-	-



DWG TYPE SALES DRAWING	DRAWN K.Y.	TOLERANCES: UNLESS OTHERWISE NOTED X.X ± 0.5 X.XX ± 0.2 ANGULAR ±1°	DWG TITLE WSA58M-MECHANICAL MAINTAIN, NONE/CENTER SPOT/ POWER STANDBY SYMBOL ILLUMINATION					
STATUS RELEASE	REVIEW a.H.							
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	DATE 2017/12/12	REF: 58M-A,B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 5		

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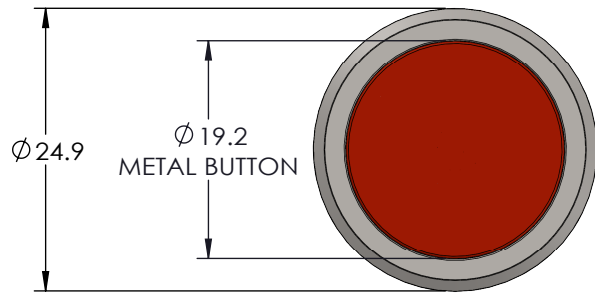
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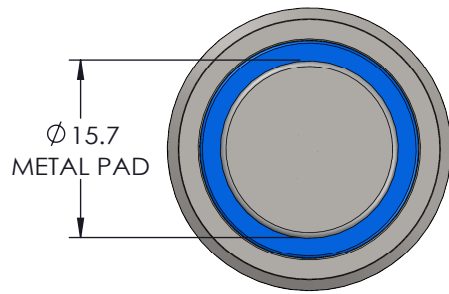
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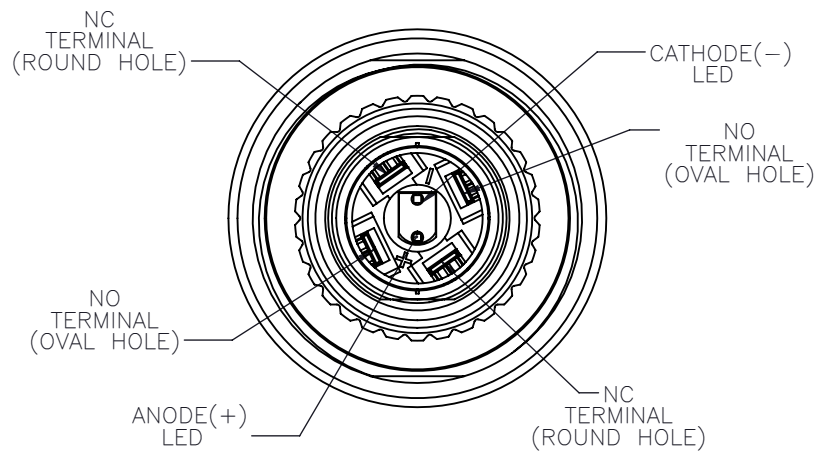
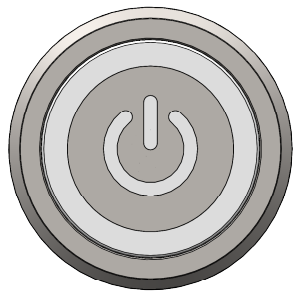
NON-ILLUMINATION
TYPE



ILLUMINATION
RING TYPE

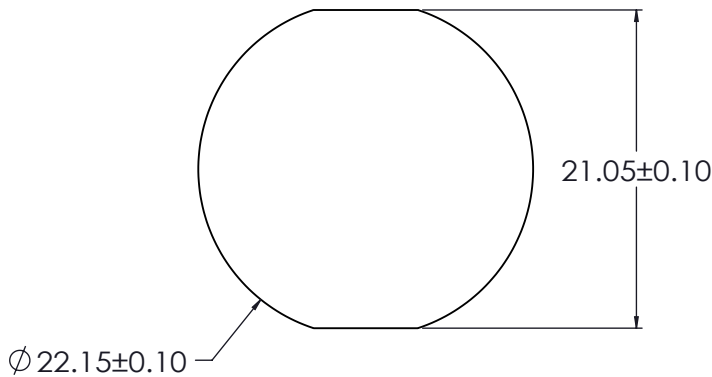
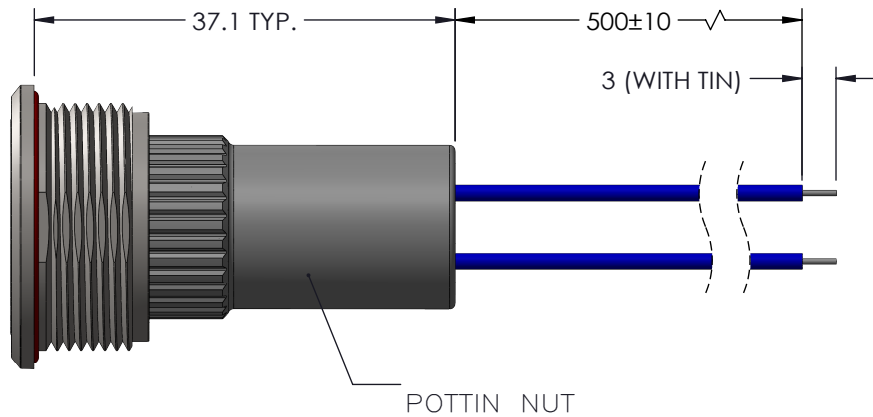
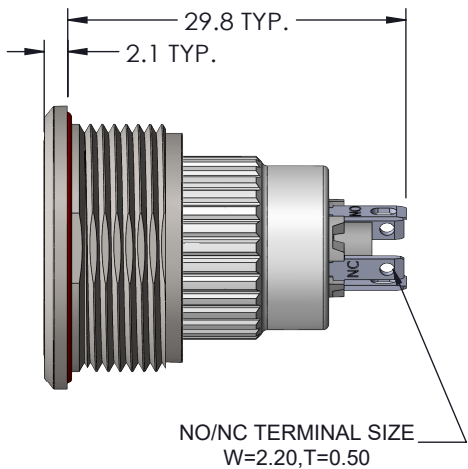


ILLUMINATION
POWER/STANBY TYPE



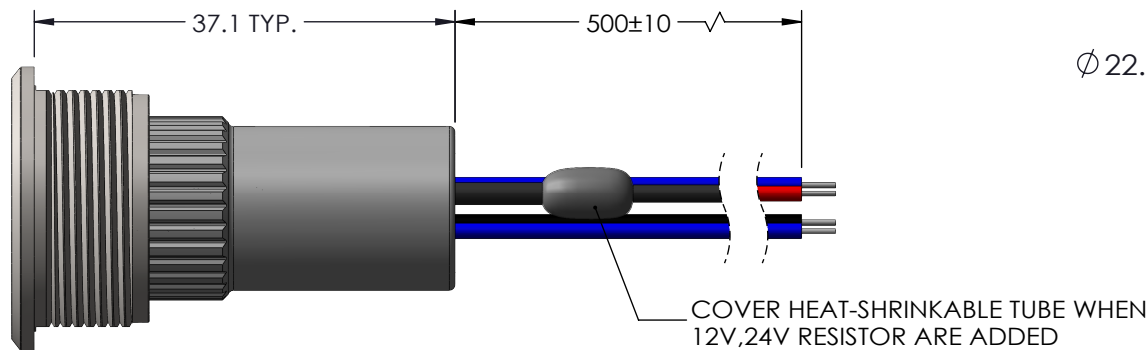
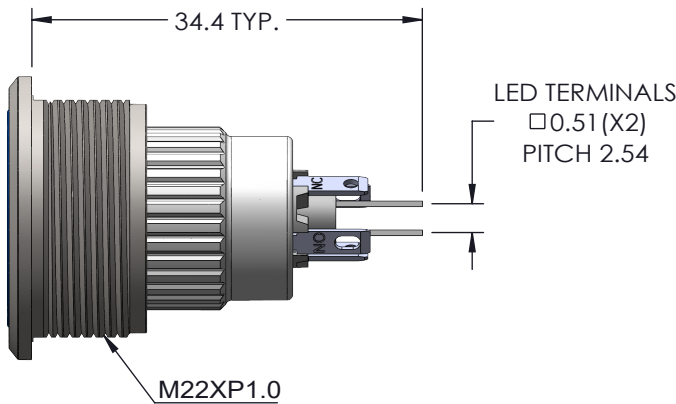
DETAIL FOR TERMINAL POSITION
SCALE: 2:1

NON ILLUMINATION
TYPE



RECOMMENDED
PANEL CUT-OUT

ILLUMINATION
TYPE



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STATUS RELEASE	REVIEW A.H.			DWG NO. WSA58M-2,B,D,F								
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	DATE 2017/12/12	REF: 58M-A,B	☒ 管制文件 ☐ 非管制文件		Unit mm	SCALE 3:2	REV 5					
								RoHS Compliant			SHEET 2 OF 3	

REVISION RECORD

REV	DESCRIPTION	DATE	DRAWN	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	REDRAWN	2021/5/23	C.C.	DCN-202100075
5	ADD ELECTRICAL LIFE 5A@125/250VAC	2022.08.29	C.C.	DCN-202200068

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		DATE 2017/12/12	REF: 58M-A,B	☒ 管制文件 ☐ 非管制文件	Unit mm	SCALE 3:2	REV 5
				RoHS Compliant	SHEET 3 OF 3		