CUI Devices is now Same Sky! Learn More

SERIES: PBM12 | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES

- black alloy
- 22 mm
- IP67
- illuminated



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				36 250	Vdc Vac
rated current	Vdc Vac			2.0 5.0	A A
withstanding voltage	for 1 minute		1,000		Vac
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
operating force		400	600	800	gf
actuator travel		2.3	2.8	3.3	mm
operating temperature		-25		70	°C
life	electrical mechanical		20,000 200,000		cycles cycles
hand soldering	for 3±0.5 seconds	345	350	355	°C
RoHS	yes				
IP level	IP67				

LED SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
forward voltage (Vf)	at I_F=15 mA				
	red (2 V)	1.8	2.0	2.4	V
	yellow (2 V)	1.8	2.0	2.4	V
	blue (3 V)	2.8	3.0	3.4	V
	green (3 V)	2.8	3.0	3.4	V
	white (3 V)	2.8	3.0	3.4	V
	blue (12 V)	5.0	12	13.0	V
	green (12 V)	5.0	12	13.0	V
	red (12 V)	5.0	12	13.0	V
	white (12 V)	5.0	12	13.0	V
	yellow (12V)	5.0	12	13.0	V

PART NUMBER KEY

PBM12 - M - XXX - XX - BA - 67

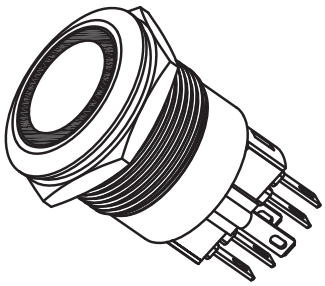
Base Number

LED Color/Voltage:
R2 = red, 2 V
YL2 = yellow, 2 V
BL3 = blue, 3 V
GR3 = green, 3 V
WT3 = white, 3 V
BL12 = blue, 12 V
GR12 = green, 12 V
R12 = red, 12 V
WT12 = white, 12 V
YL12 = yellow, 12 V

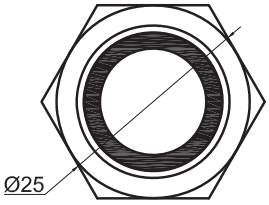
Button Type:
F = flush
P-F = flush, with power emblem
R = raised

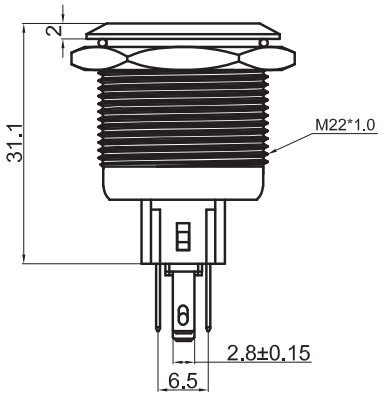
MECHANICAL DRAWING (FLUSH, ILLUMINATED)

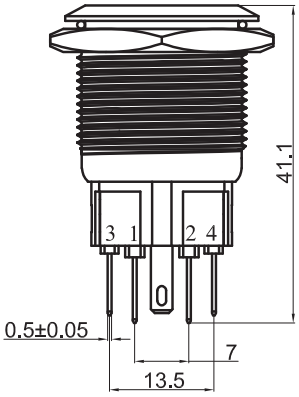
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.5 mm
X≥30.0: ±1.0 mm
unless otherwise noted
panel thickness: 10.0 mm max



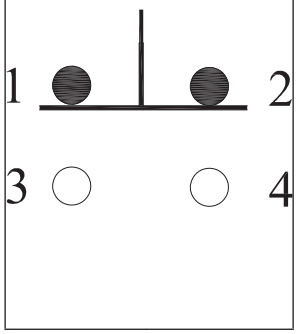
DESCRIPTION	MATERIAL	PLATING/COLOR
housing	aluminum alloy	black
actuator	aluminum alloy	black
switch terminals	brass	gold
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	blue & red

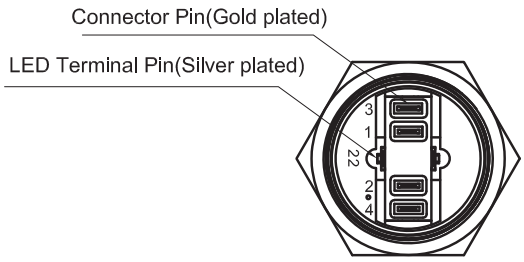


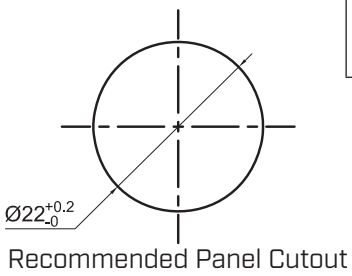




ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	





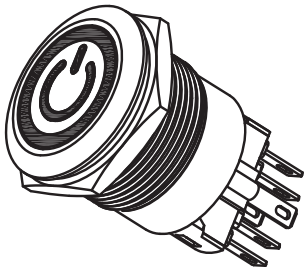


Recommended Panel Cutout

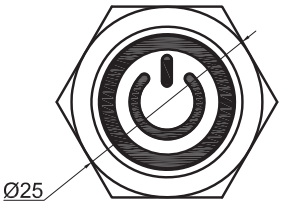
LED Table	
Model	2~12 V LED
Polarity	

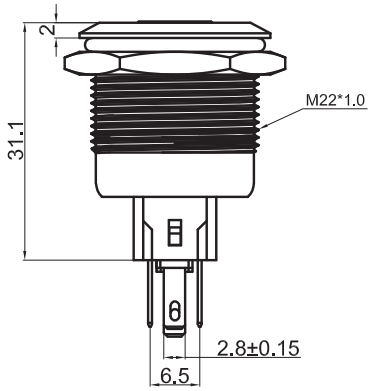
MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

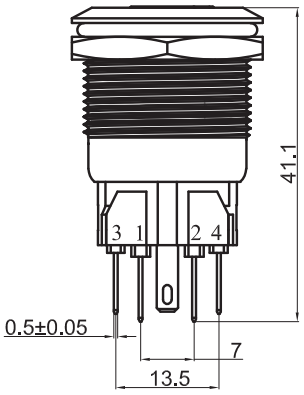
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DESCRIPTION	MATERIAL	PLATING/COLOR
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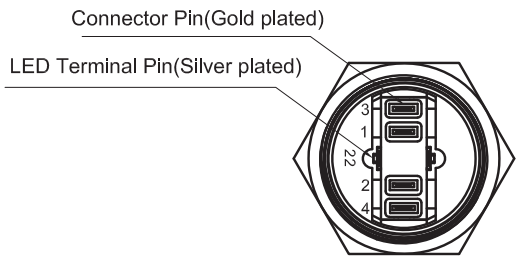


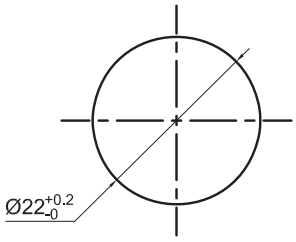




ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	





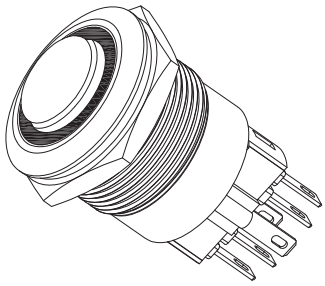


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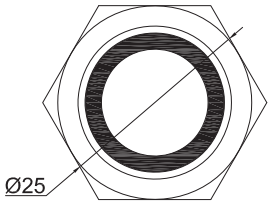
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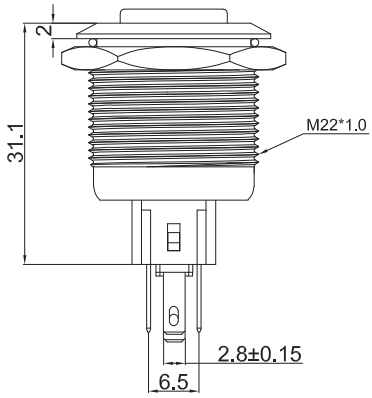
MECHANICAL DRAWING (RAISED, ILLUMINATED)

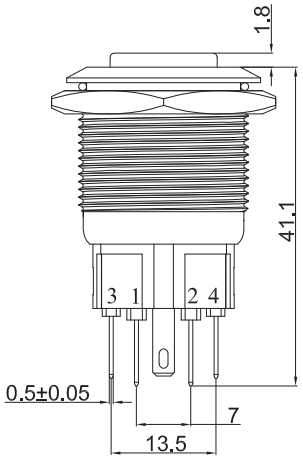
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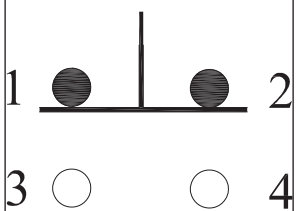
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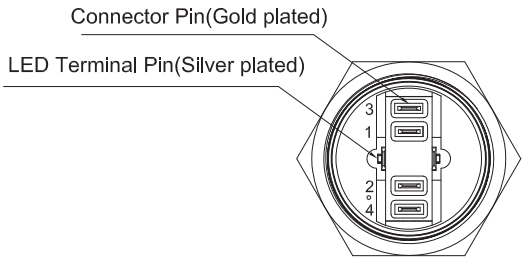


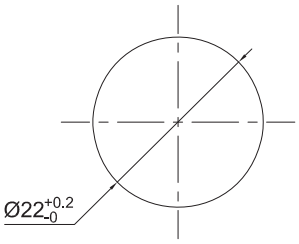




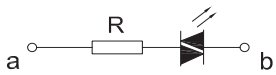
ACTUATOR POSITION {}: MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	







Recommended Panel Cutout

LED Table	
Model	2~12 V LED
Polarity	

REVISION HISTORY

rev.	description	date
1.0	initial release	09/02/2026

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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