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

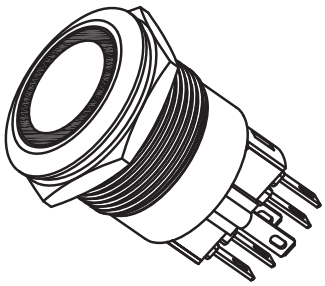
Base Number

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

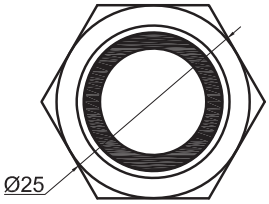
Button Type:
F = flush
P-F = flush, with power emblem
R = raised

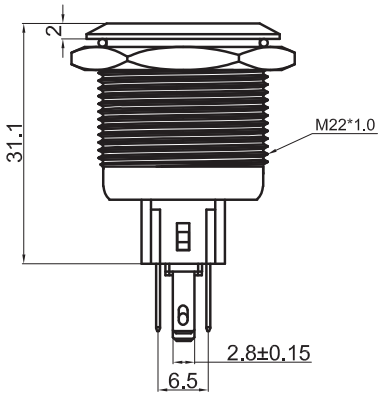
MECHANICAL DRAWING (FLUSH, ILLUMINATED)

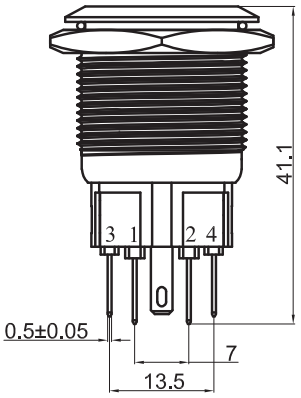
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.5 mm
X≥30.0: ±1.0 mm
unless otherwise noted
panel thickness: 10.0 mm max



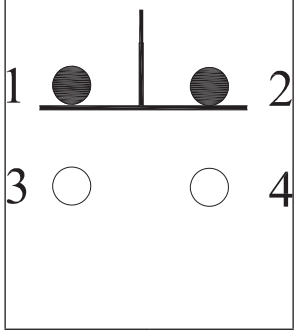
DESCRIPTION	MATERIAL	PLATING/COLOR
housing	aluminum alloy	black
actuator	aluminum alloy	black
switch terminals	brass	gold
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	blue & red

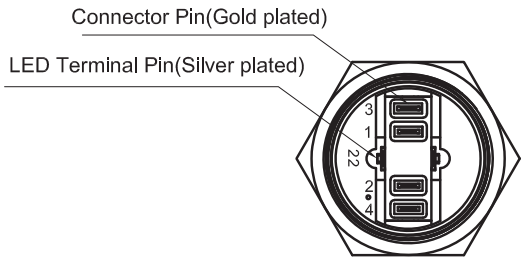


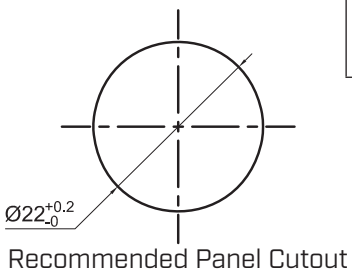




ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	







Recommended Panel Cutout

LED Table	
Model	2~12 V LED
Polarity	

MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

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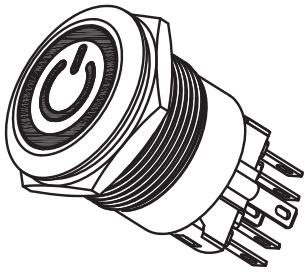

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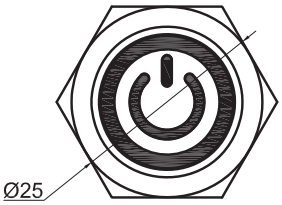

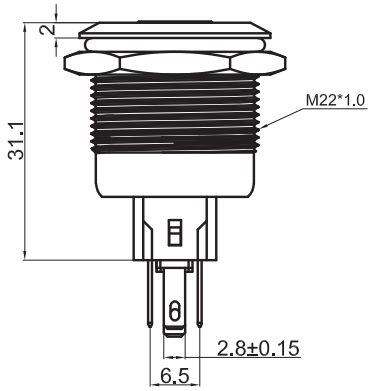

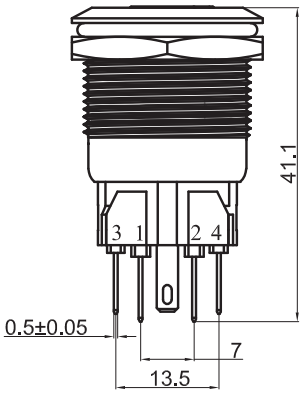

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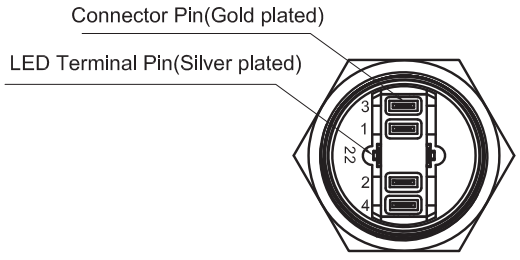

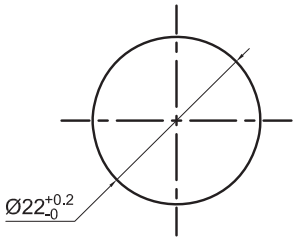

Recommended Panel Cutout

LED Table	
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Polarity	

MECHANICAL DRAWING (RAISED, ILLUMINATED)

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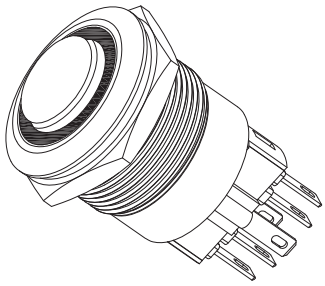

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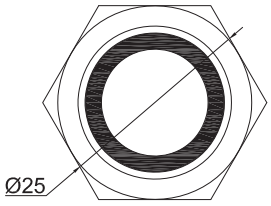
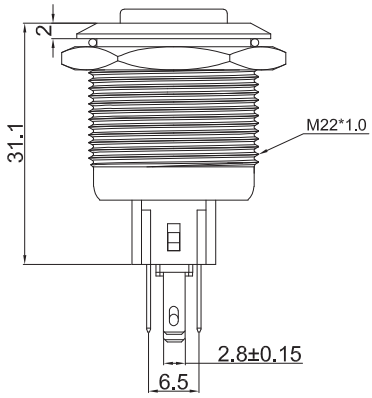
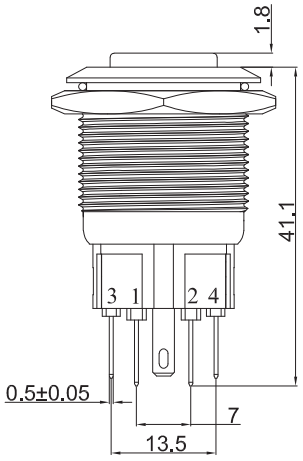
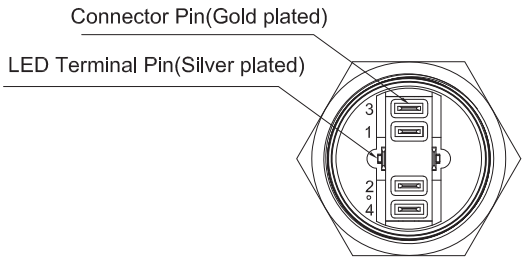
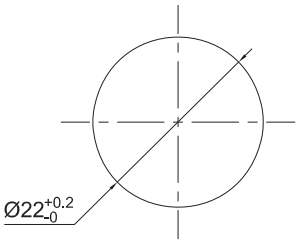






ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
OFF	(ON)
SCHEMATIC	





Recommended Panel Cutout

LED Table	
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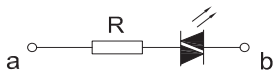
Polarity	

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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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