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SERIES: PBM9 | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES

- 10 A
- stainless steel
- IP67
- illuminated

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				250	Vac
rated current				10.0	A
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
operating force		400	600	800	gf
actuator travel		2.5	3.0	3.5	mm
operating temperature		-20		70	°C
life	electrical mechanical		10,000 30,000		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

PBM9 - M - XXX - XX - SS - 67

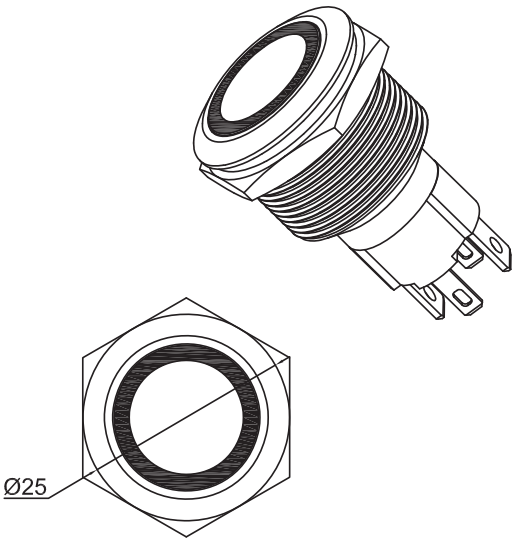
Base Number

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
BL24 = blue, 24 V
GR24 = green, 24 V
R24 = red, 24 V
WT24 = white, 24 V
YL24 = yellow, 24 V
BL110 = blue, 110 V
GR110 = green, 110 V
R110 = red, 110 V
WT110 = white, 110 V
YL110 = yellow, 110 V
BL220 = blue, 220 V
GR220 = green, 220 V
R220 = red, 220 V
WT220 = white, 220 V
YL220 = yellow, 220 V

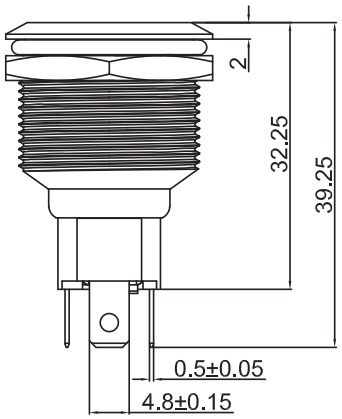
Button Type:
F = flush
P-F = flush, with power emblem

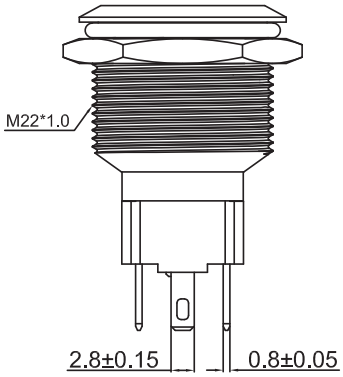
MECHANICAL DRAWING (FLUSH, ILLUMINATED)

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

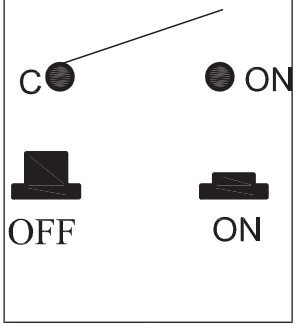


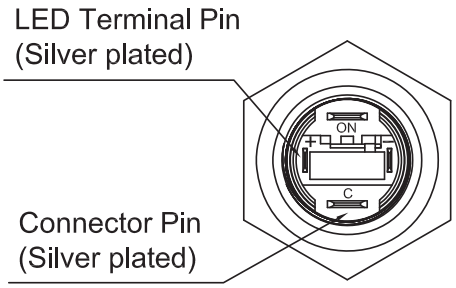
DESCRIPTION	MATERIAL	PLATING/COLOR
housing	stainless steel	---
actuator	stainless steel	---
switch terminals	brass	silver
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	light blue

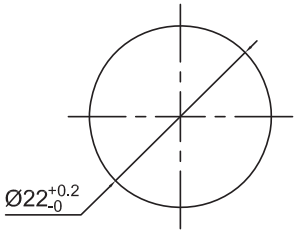




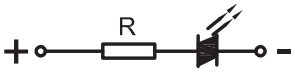
ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	







Recommended Panel Cutout

LED Table	
Model	2~220 V LED Models
Polarity	

MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

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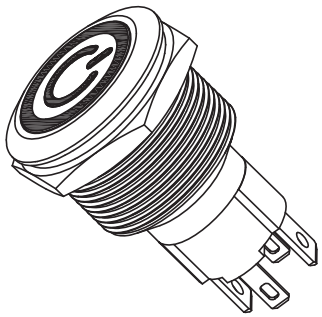

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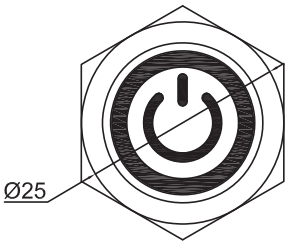

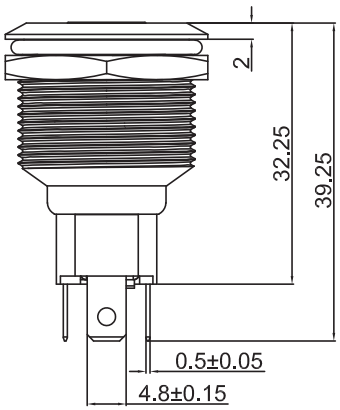

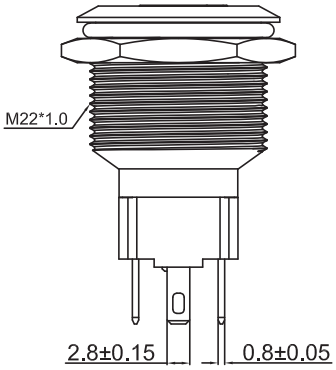

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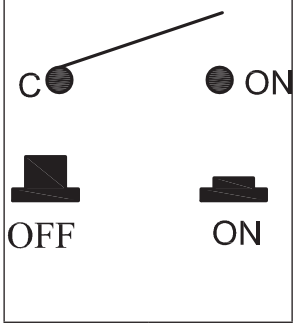

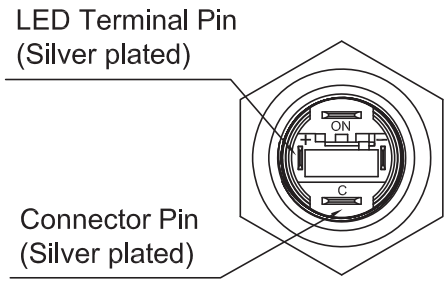

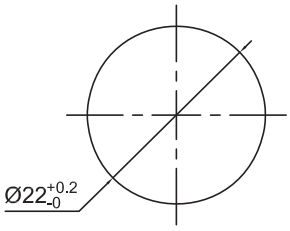

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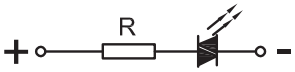
Polarity	

REVISION HISTORY

rev.	description	date
1.0	initial release	09/23/2026

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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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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