



SERIES: PBM7 | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES

- black alloy
- IP67
- illuminated



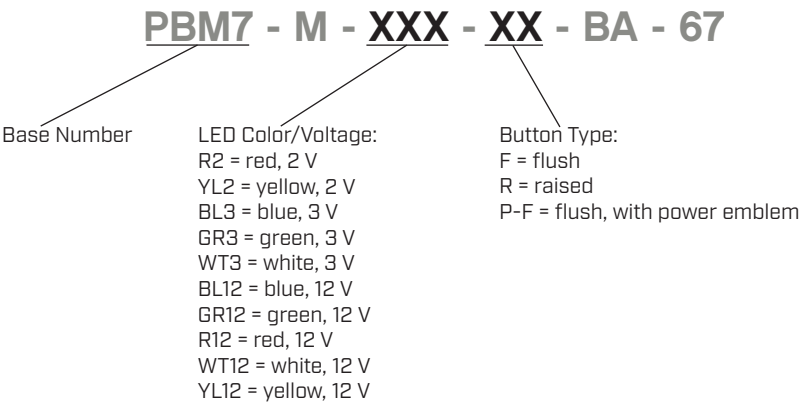
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				36 250	Vdc Vac
rated current	Vdc Vac			2.0 6.0	A 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		1.0	1.5	2.0	mm
operating temperature		-20		85	°C
life	electrical mechanical		50,000 200,000		cycles cycles
hand soldering	for 3±0.5 seconds	345	350	355	°C
RoHS	yes				
IP level	IP67				

LED SPECIFICATIONS

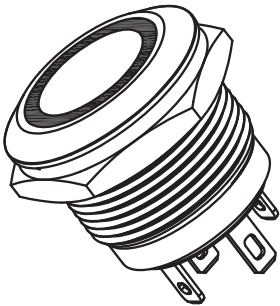
parameter	conditions/description	min	typ	max	units
forward voltage (Vf)	at If=15 mA				
	red (2 V)	1.8	2.0	2.4	V
	yellow (2 V)	1.8	2.0	2.4	V
	blue (3 V)	2.8	3.0	3.4	V
	green (3 V)	2.8	3.0	3.4	V
	white (3 V)	2.8	3.0	3.4	V
	blue (12 V)	5.0	12	13.0	V
	green (12 V)	5.0	12	13.0	V
	red (12 V)	5.0	12	13.0	V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

PART NUMBER KEY

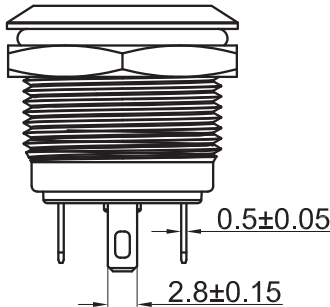
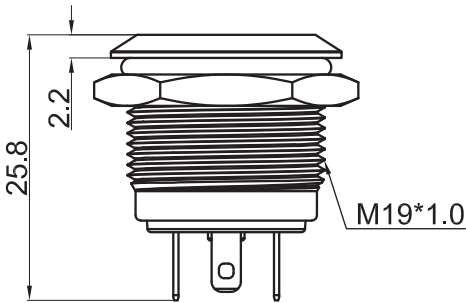
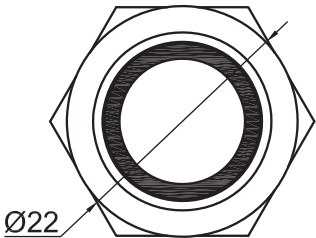


MECHANICAL DRAWING (FLUSH, ILLUMINATED)

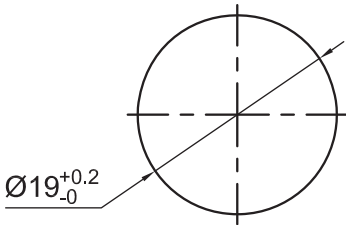
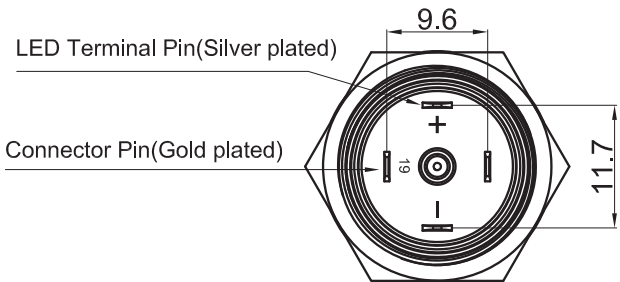
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.3 mm
X≥30.0: ±0.5 mm
unless otherwise noted
panel thickness: 6.0 mm max



DESCRIPTION	MATERIAL	PLATING/COLOR
housing	alluminum alloy	black
actuator	alluminum alloy	black
switch terminals	brass	gold
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	white



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

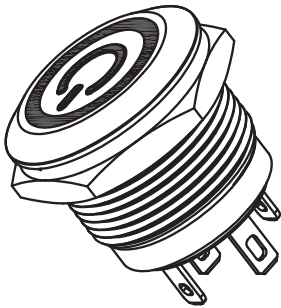


Recommended Panel Cutout

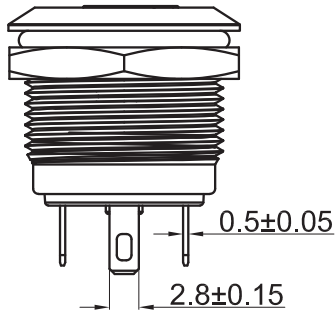
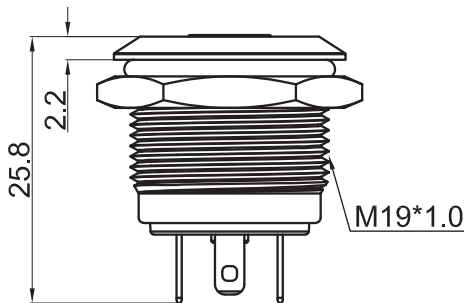
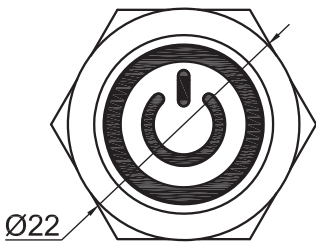
LED Table	
Model	2-12 V LED Models
Polarity	

MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

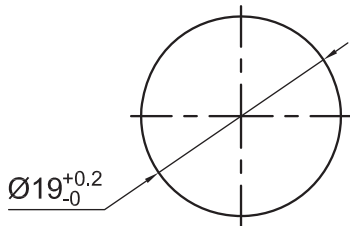
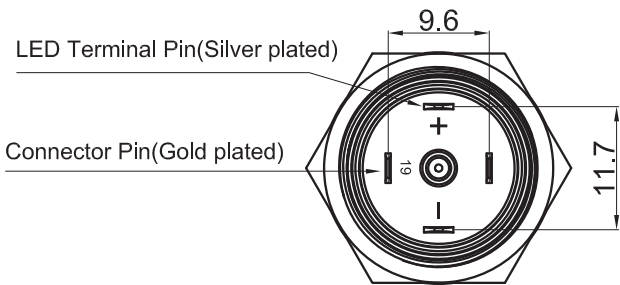
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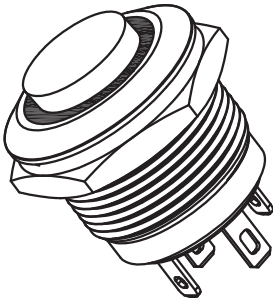


Recommended Panel Cutout

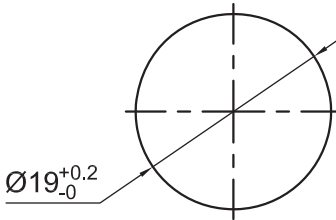
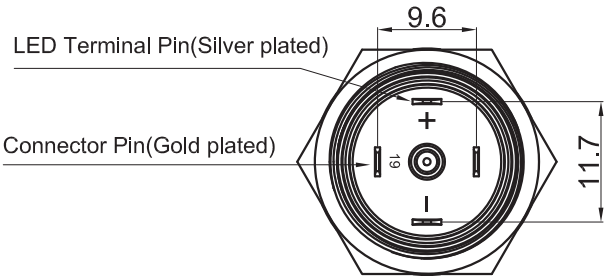
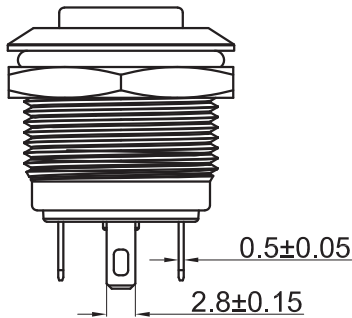
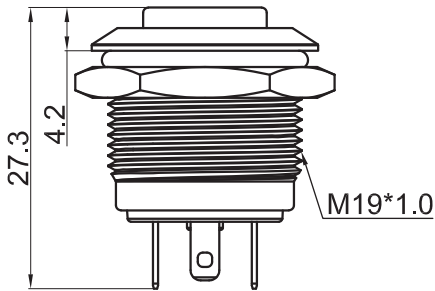
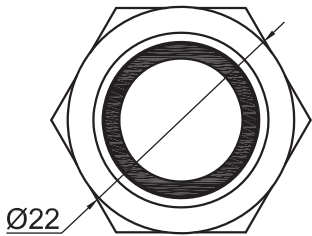
LED Table	
Model	2-12 V LED Models
Polarity	

MECHANICAL DRAWING (RAISED, ILLUMINATED)

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Recommended Panel Cutout

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REVISION HISTORY

rev.	description	date
1.0	initial release	07/08/2026
1.01	updated mechanical drawing	07/28/2026

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



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

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