Series 48 Electro-mechanical

Flex-Tech Miniature Sealed Pushbutton Switches

This rugged multi-option sealed pushbutton series offers the utmost in choices for mounting style, colors, terminations, bezels, lighting and momentary or alternate-action switching. The Series 48 offers all these options in one compact package size.

Key Features:

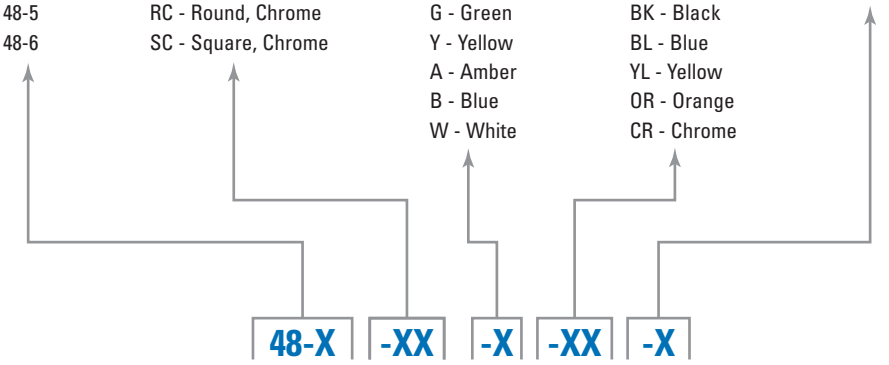
- Momentary or maintained action
- Gold contacts
- Many button colors
- Choice of LED colors (or non-lighted versions)
- Long life
- Solder or PC terminals
- Panel sealed to IP 67

Applications

- Office equipment
- Medical equipment
- Industrial machinery
- Outdoor controls
- Mass transportation
- Food processing equipment

Ordering Information:

Switch Function	Switch Termination	Module Type	Bezel Type	LED Color	Button Color	Mounting Type
Momentary	Solder Tabs	48-1	RB - Round, Black	N - None	RD - Red	B - Bushing
Maintained	Solder Tabs	48-2	SB - Square, Black	R - Red	GR - Green	S - Snap-fit
Momentary	PC	48-5	RC - Round, Chrome	G - Green	BK - Black	
Maintained	PC	48-6	SC - Square, Chrome	Y - Yellow	BL - Blue	
				A - Amber	YL - Yellow	
				B - Blue	OR - Orange	
				W - White	CR - Chrome	



Standards / Agency / Ratings:

Patent # 6,965,085

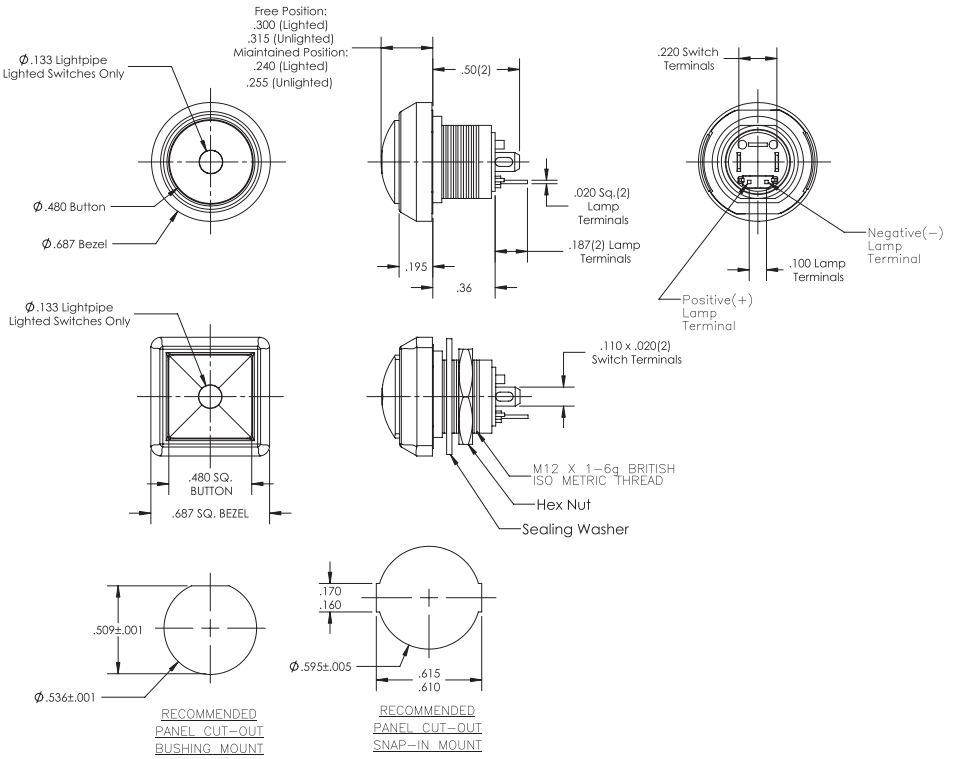
RoHS COMPLIANT 2002 / 95 / EC

IEC IP67 COMPLIANT

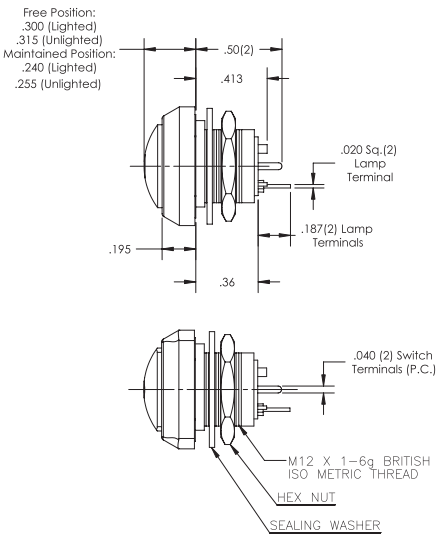
Contact an Authorized Distributor or Factory for Pricing

Series 48—Flex-Tech Miniature Sealed Pushbutton

Solder Tab Terminals



PC Terminals



Mechanical / Electrical Characteristics:

Circuit:
SPST-NO-DB

Button travel (nominal):
.09/2.3 mm

Life (mechanical) (nominal):
1,000,000 cycles (momentary)
100,000 cycles (maintained)

Operating force (nominal):
3N/306g

Contact bounce (nominal:
1 ms

Panel thickness:
.02 - .12 / 1.5-3mm

Temperature index:
-40°F to + 185°F

Current ratings:
400mA, 32 VAC Res.
100 mA, 50 VDC Res.
125mA, 125 VAC Res.

Dielectric strength:
1,000 VAC

Insulation resistance:
1G OHM

Contact resistance:
50m OHMS

Torque (max):
10 inch pounds

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