

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	

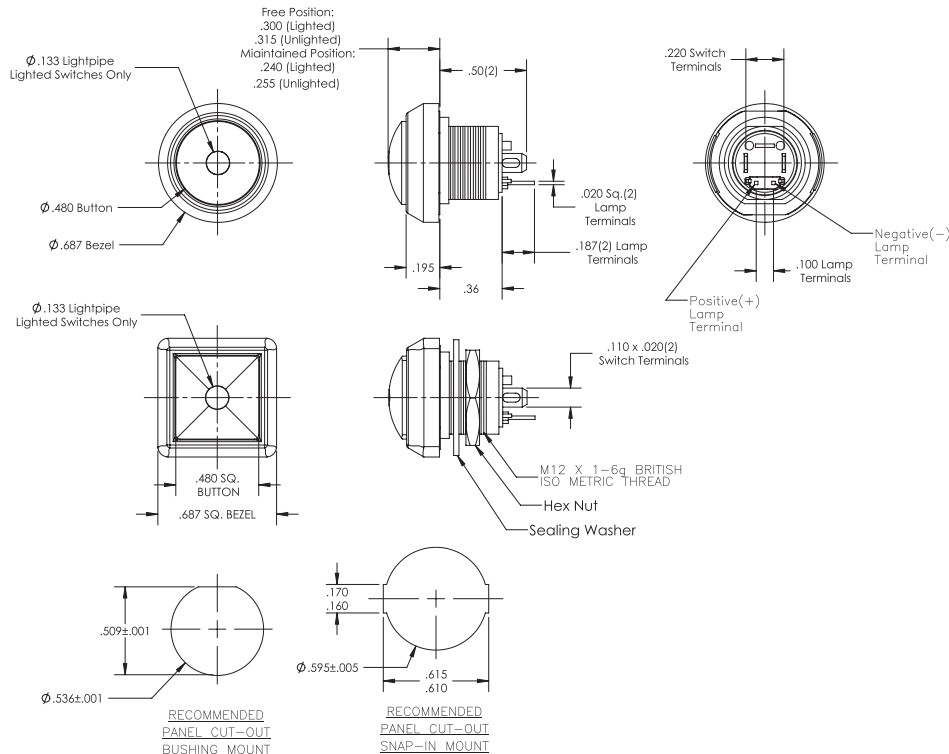
STANDARDS / AGENCY / RATINGS:

Patent # 6,965,085

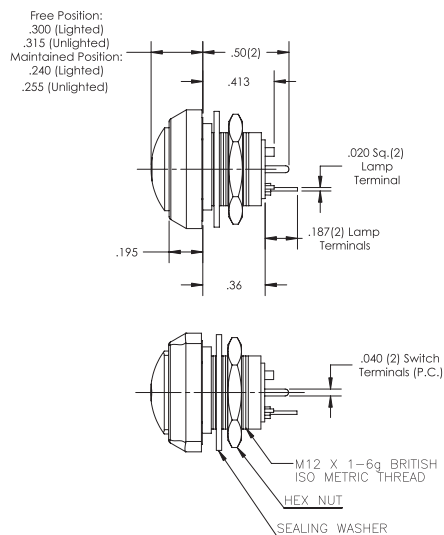


SERIES 48—FLEX-TECH MINIATURE SEALED PUSHBUTTON

SOLDER TAB TERMINALS



PC TERMINALS



MECHANICAL / ELECTRICAL CHARACTERISTICS:

Circuit:

SPST-N0-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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