

PUSHBUTTON SWITCHES

Sub-Miniature Pushbutton Switches

FEATURES

- Sealed or unsealed versions
- Low operating force
- Momentary snap action
- EMI/RFI version (BR7070)
- Black or red adapter colors available
- Clear or black case colors available
- Compact, space saving design



**B9001, 2
Single Pole**

SPECIFICATIONS

- MIL-PRF-8805 approved
- Total plunger travel:
.08/0.093 in. (0.236 mm) minimum
- Electrical life: 25,000 operations
minimum at de-rated
current
10,000 operations
minimum at rated current
- Operating force:
B9000 1.5 (6.66N) $\pm$.5 lb (2.22N)
BW9000, B9020
& BW9020 1.75 (7.77N) $\pm$.5 lb (2.22N)
B7070 1.5 (6.66N) $\pm$.75 lb (3.33N)
BR7070 2.0 (8.88N) $\pm$.75 lb (3.33N)
- Weight approx.:
B9000 0.01 lb (4.5g) Max.
& B9020
BW9000 0.01 lb (4.5g) Max.
& BW9020
B7070 0.02 lb (9.1g) Approx.
BR7070 0.02 lb (9.1g) Max.
- EMI/RFI shielded (BR7070 only)

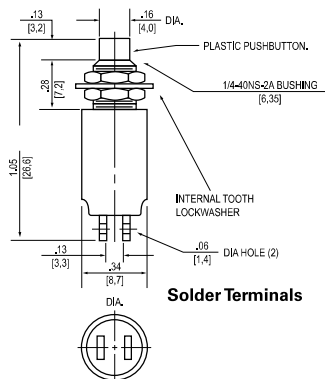
CURRENT RATINGS

Part Number	Number of Poles	Type of Operation	28VDC		125VAC	
			Resistive Load	Inductive Load	Resistive Load	Inductive Load ^①
B9001	1	Momentary	7	4	7	4
B9002	1	Momentary	7	4	7	4
BW9001	1	Momentary	7	4	7	4
BW9002	1	Momentary	7	4	7	4
B9021	1	Momentary	7	4	7	4
B9022	1	Momentary	7	4	7	4
BW9021	1	Momentary	7	4	7	4
BW9022	1	Momentary	7	4	7	4
B7070	2	Momentary	1	1	1	1
BR7070 ^②	2	Momentary	1	1	1	1

^① p.f.=.75

^②EMI/RFI shielded

APPROXIMATE DIMENSIONS

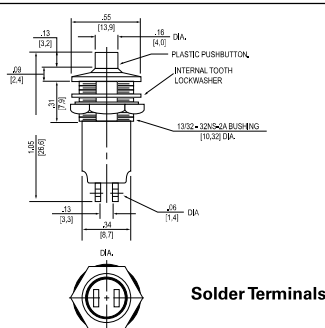


SELECTION TABLES

Catalog Number	Military Part Numbers M8805/96	Button Color	Circuit	Case Color	Enclosure Design
B9001R	-001	Red	SPST-NO	Clear	(unsealed)
B9001B	-002	Black	SPST-NO	Clear	(unsealed)
B9002R	-003	Red	SPST-NC	Clear	(unsealed)
B9002B	-004	Black	SPST-NC	Clear	(unsealed)
B9001BR	-005	Red	SPST-NO	Black	(unsealed)
B9001BB	-006	Black	SPST-NO	Black	(unsealed)
B9002BR	-007	Red	SPST-NC	Black	(unsealed)
B9002BB	-008	Black	SPST-NC	Black	(unsealed)
BW9001R	-009	Red	SPST-NO	Clear	(dust tight)
BW9001B	-010	Black	SPST-NO	Clear	(dust tight)
BW9002R	-011	Red	SPST-NC	Clear	(dust tight)
BW9002B	-012	Black	SPST-NC	Clear	(dust tight)
BW9001BR	-013	Red	SPST-NO	Black	(dust tight)
BW9001BB	-014	Black	SPST-NO	Black	(dust tight)
BW9002BR	-015	Red	SPST-NC	Black	(dust tight)
BW9002BB	-016	Black	SPST-NC	Black	(dust tight)



**B9021, 22
Single Pole**

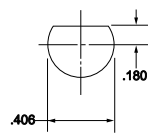
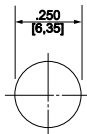
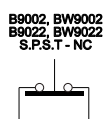
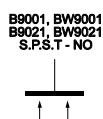


Catalog Number		Circuit	Case Color	Button Color
Standard	Dust Tight			
B9021CB	BW9021CB	SP-NO	Clear	Black
B9021CR	BW9021CR		Clear	Red
B9021BB	BW9021BB		Black	Black
B9021BR	BW9021BR		Black	Red
B9022CB	BW9022CB	SP-NC	Clear	Black
B9022CR	BW9022CR		Clear	Red
B9022BB	BW9022BB		Black	Black
B9022BR	BW9022BR		Black	Red

SCHEMATIC DIAGRAMS - B AND BW SERIES

PANEL CUT-OUT

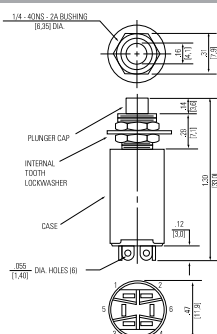
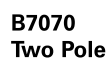
PANEL CUT-OUT



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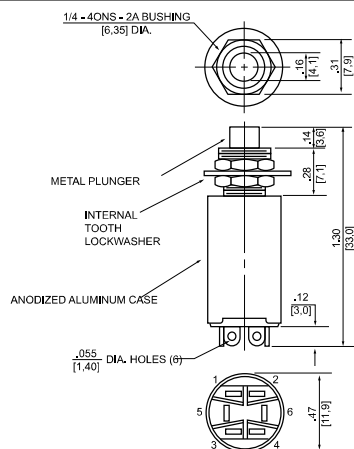
Catalog Number	Military Part Number	Case Color	Button Color
B7070	M8805/95-001	Clear	Black
B7070R	M8805/95-002	Clear	Red
B7070B	M8805/95-003	Black	Black
B7070BR	M8805/95-004	Black	Red

Solder Terminals

PANEL CUT-OUT



PANEL MTG HOLE DIMENSIONS

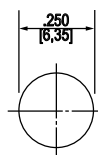


Catalog Number	Case Color	Button Color
BR7070*	Clear	Clear

*EMI/RFI shielded

Solder Terminals

PANEL CUT-OUT



PANEL MTG HOLE DIMENSIONS

[0,0] = mm

Dimensions for reference only.