

SPECIFICATIONS

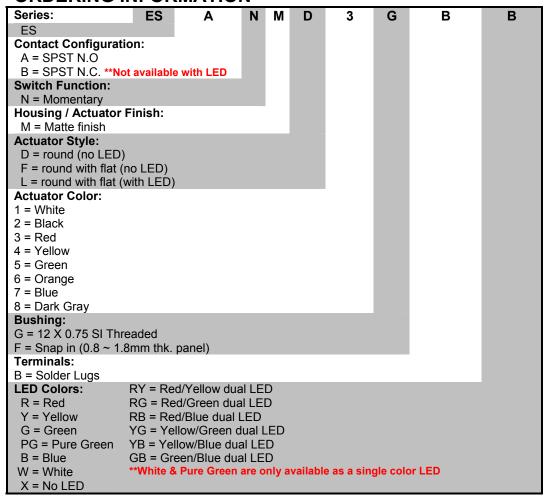
Electrical Ratings	125mA @ 50VDC / 125VAC
Electrical Life	500,000 cycles
Mechanical Life	1,000,000 cycles
Contact Resistance	≤ 50 mΩ max initial
Dielectric Strength	1,000Vrms min
Actuation Force	300 +/- 100gF
Travel	1.5 +/25mm
Insulation Resistance	≥ 1000MΩ min
Internal / External Panel Sealing	IP 67
Operating Temperature	-30°C (-40 without LED) to 85°C
Storage Temperature	-30°C (-40 without LED) to 85°C



MATERIALS ←ROHS COMPLIANT

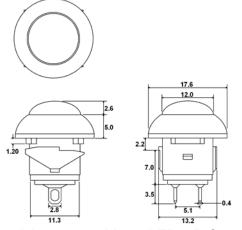
Actuator	6/6 Nylon
Housing	6/6 Nylon
Base	DAP – Diallyl Phthalate
Contacts	Copper Alloy, Gold over Silver plated
Terminals	Copper Alloy, Gold over Silver plated

ORDERING INFORMATION

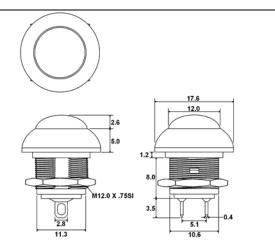




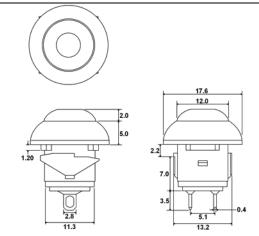
ACTUATOR STYLES



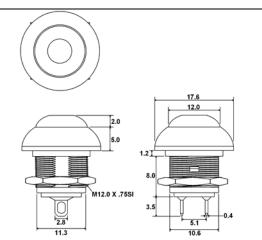
Round Actuator with no LED - D Snap In Bushing - G



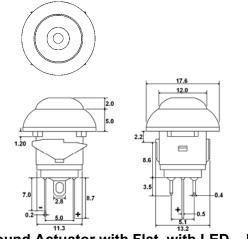
Round Actuator with no LED - D Threaded Bushing - F



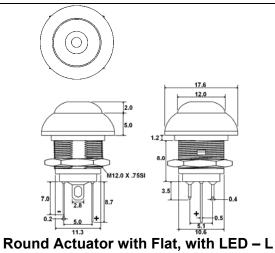
Round Actuator with Flat, no LED - F Snap In Bushing - G



Round Actuator with Flat, no LED - F Threaded Bushing - F



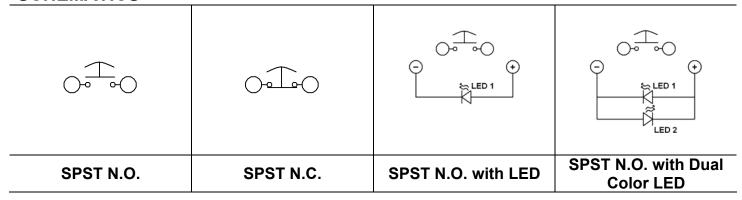
Round Actuator with Flat, with LED - L Snap In Bushing - G



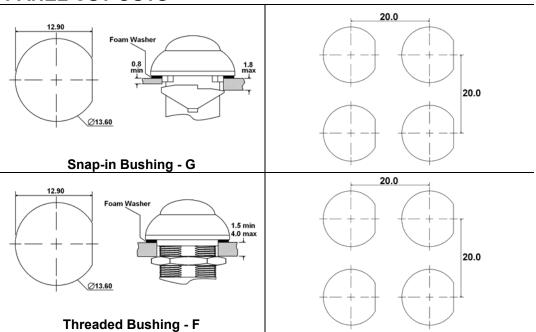
Threaded Bushing - F



SCHEMATICS



PANEL CUT OUTS



LED CHARACTERISTICS

LED Ratings		COLORS						
		R	Υ	G	В	PG	W	Units
Reverse Voltage	V_R	5	5	5	5	5	5	V
Forward Current (avg)	I _F	30	30	30	30	30	30	mA
Forward Current (peak)	I _{FS}	100	100	100	100	100	100	mA
Reverse Current V _R = 5V	I_R	100	100	100	100	100	1	μΑ
Power Dissipation	P_T	80	100	100	120	120	120	mW
Operating & Storage Temperature	T _A	-25~ +80						°C
Forward Voltage (typ.), I _F = 20mA	V_{F}	2.1	2.1	2.0	3.2	3.2	3.2	V
Forward Voltage (max.), I _F = 20mA	V_{F}	2.6	2.6	2.6	3.6	3.6	3.6	V
Wavelength at Peak Emmission, I _F = 20mA	λ_{P}	645	590	570	470	525	N/A	nm
Spectral Line Half-Width, I _F = 20mA	Δλ	22	15	30	30	30	N/A	nm
Luminous Intensity, I _F = 20mA	LI	100	200	100	150	300	250	mcd
Viewing Angle	Θ	35	35	35	35	35	35	Deg