



Illuminated Tactile

Specifications

Electrical Ratings	50mA @ 12VDC	Dielectric Strength	1000Vrms min
Electrical Life	100,000 cycles typical	Insulation Resistance	>100MΩ min
Contact Resistance	<50mΩ initial	Operating Temperature	-40°C to 85°C
Actuation Force	250 ± 50gF	Storage Temperature	-40°C to 85°C
Actuation Travel	0.3 ± .1mm		

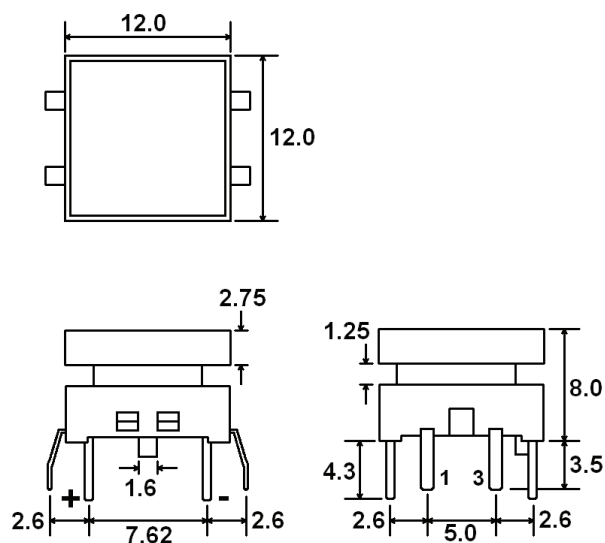
Materials

Cover	Poly Carbonate (PC)
Housing	Nylon
Lens	Poly Carbonate (PC)
Contacts	Copper Alloy, Gold over Nickel Plated
Terminals	Copper Alloy, Gold over Nickel Plated

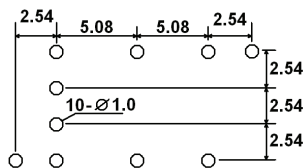
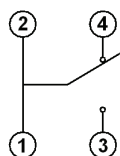
Ordering Information

1. Series	JS	B	C
JS			
2. LED Color			
R = Red			
G = Green			
Y = Yellow			
B = Blue			
3. Clear Cap Style			
Blank = No Cap			
A, B, C, D, E, F or G			

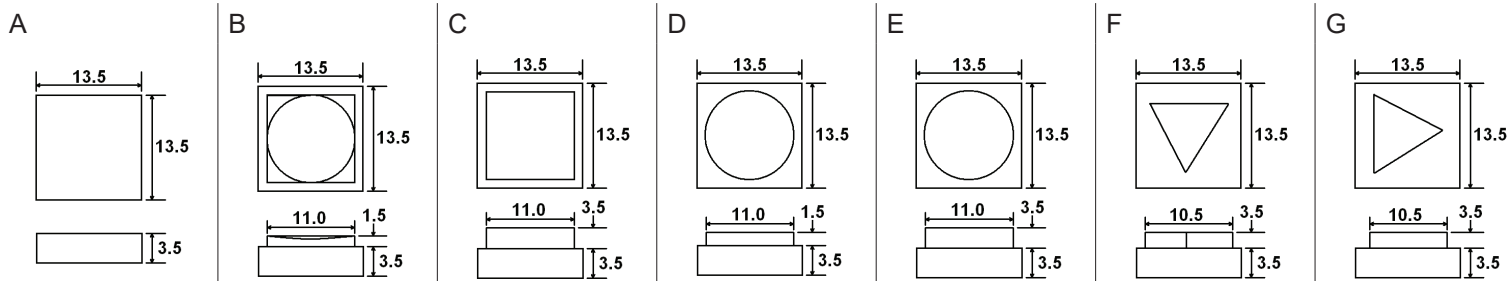
Dimensions



Schematic & PC Layout - Bottom Views



Clear Cap Options



LED Characteristics

LED Ratings		Color					
		R	G	Y	B	W	Units
Reverse Voltage	V_R	5	5	5	5	5	V
Forward Current (avg / peak)	I_F	30 / 125	30 / 125	30 / 125	30 / 125	30 / 125	mA
Reverse Current $V_R = 5V$	I_R	10	10	10	10	10	μA
Power Dissipation	P_T	69	75	75	120	120	mW
Forward Voltage (typ / max), $I_F = 20mA$	V_F	1.8 / 2.6	2.2 / 2.6	2.1 / 2.6	3.5 / 4.0	3.2 / 3.8	V
Wavelength at Peak Emmission, $I_F = 20mA$	λ_P	660	572	595	455	n/a	nm
Spectral Line Half-Width, $I_F = 20mA$	$\Delta\lambda$	20	20	20	20	n/a	nm
Luminous Intensity, $I_F = 20mA$	LI	20	20	80	40	200	mcd
Viewing Angle	Θ	150	150	150	150	150	deg