

SPECIFICATIONS

Electrical Ratings	50mA @ 35VDC
Electrical Life	100,000 cycles typical
Contact Resistance	< 50 m Ω initial
Actuation Force	130 +/- 50gF
Actuator Travel	.50 +/1mm
Dielectric Strength	500Vrms min
Insulation Resistance	> 100MΩ min
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C

MATERIALS ← RoHS COMPLIANT

Cover	PC
Base	Valox
Contacts	Copper Alloy, Silver Plated
Terminals	Copper Alloy, Silver Plated

ORDERING INFORMATION

ORDERING								
1. Series:		SH	В	L	В	Α	MS	
SH								
2. Actuator Option	ıs:							
A - Square								
B - Round								
C - Flat								
D - Post								
E - Large Square	Сар							
3. Actuator Colors								
Non-illuminated A		or Options III	uminated Actuator C	options				
	Green	-	= LED Option – Clear	-				
	Orange		= LED Option – With					
	Blue		_ED only available with					
	Dark Gray							
	Beige							
4. LED Colors:		ED Colors:						
Blank = No LED	RG = Red							
R = Red	RY = Red							
G = Green	YG = Yell							
Y = Yellow	BG = Blue							
	BR = Blue							
B = Blue								
W = White	BY = Blue		na atulaa aya anlu ayail	lable with the A or D actu		Appland		
5. Laser Etching S				able with the A or B actu laser etched to allow th				
Blank = No Laser	Etching Style	through the			CLLD	to shine		
A F		un ough the j						
B G								
СН								
DJ								
E K								
6. Laser Etching C				tuator and is laser etche		low the star	ndard	
Blank = No Laser	Etching Cold	r color of the a	ictuator or the LED to s	hine through the pattern	.			
MS =Misty Silver								
BS = Bright Silver								
BG = Bright Gold								
7. Caps:		Сар	Colors:					
Blank = No Cap	C15 C2							
C11	C16 C2		e Cap Options for color	availability				
C12	C17 C2		ps available with D act					
C13	C18 C2							
C14	C19 C2							
	010							

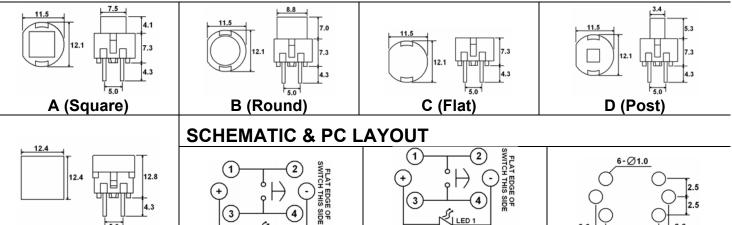




5.0

6.2

DIMENSIONS



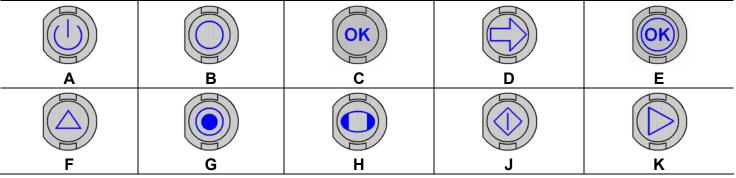
ED :

LED SPECIFICATIONS

E (Square Cap)

LED Ratings		R	G	Y	В	W	Units
Reverse Voltage	VR	5	5	5	5	5	V
Forward Current (avg / peak)	I _F / I _{FS}	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	PT	69	75	75	120	120	mW
Forward Voltage (typ. / max), I _F = 20mA	V _F	1.8 / 2.3	2.0 / 2.5	2.0 / 2.5	3.5 / 4.0	3.5 / 4.0	V
Wavelength, Peak Emmission, I _F = 20mA	λ _P	660	572	595	455		nm
Spectral Line Half-Width, I _F = 20mA	Δλ	20	20	20	30		nm
Luminous Intensity, I _F = 20mA	LI	20	20	80	40	200	mcd
Viewing Angle	Θ	150	150	150	150	150	Deg

LASER ETCHING STYLES

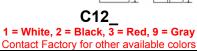


CAP OPTIONS ←FOR D ACTUATOR

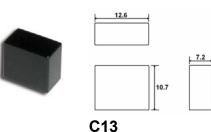




Contact Factory for other available colors



7.0



C13_ 1 = White, 2 = Black, 3 = Red, 9 = Gray Contact Factory for other available colors

www.citswitch.com phone - 763.535.2339 fax - 763.535.2194



CAP OPTIONS ← FOR D ACTUATOR

