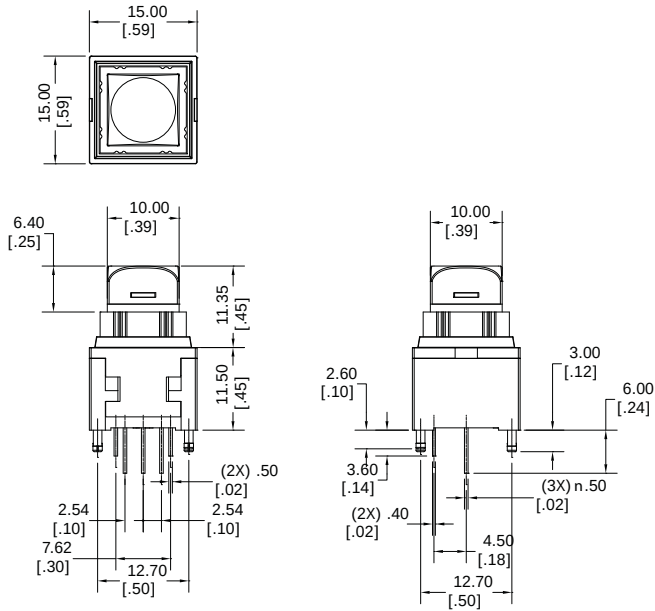
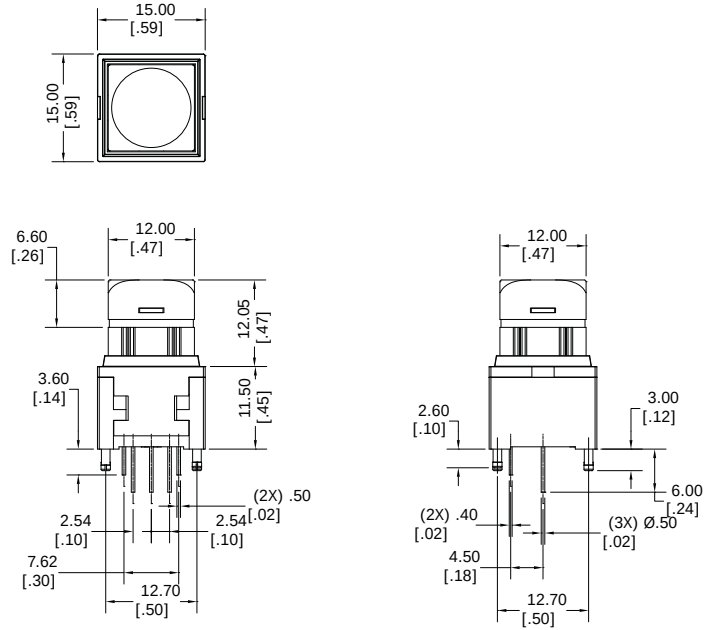


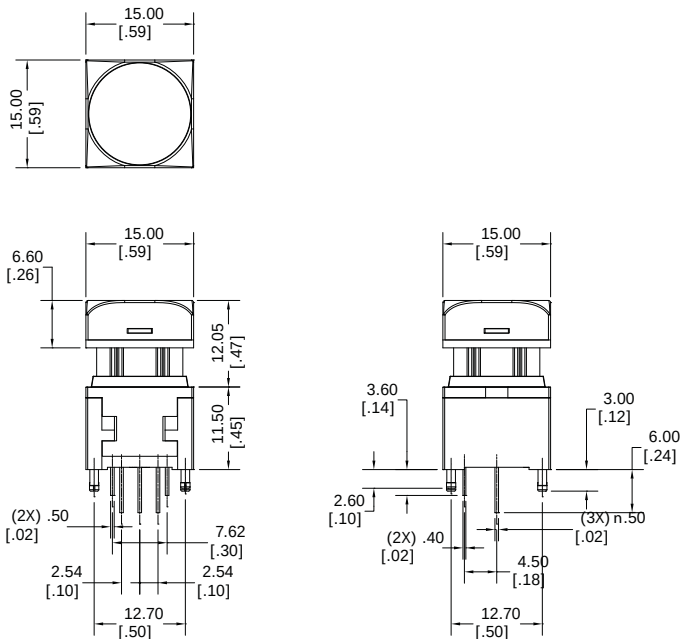
Dimensions



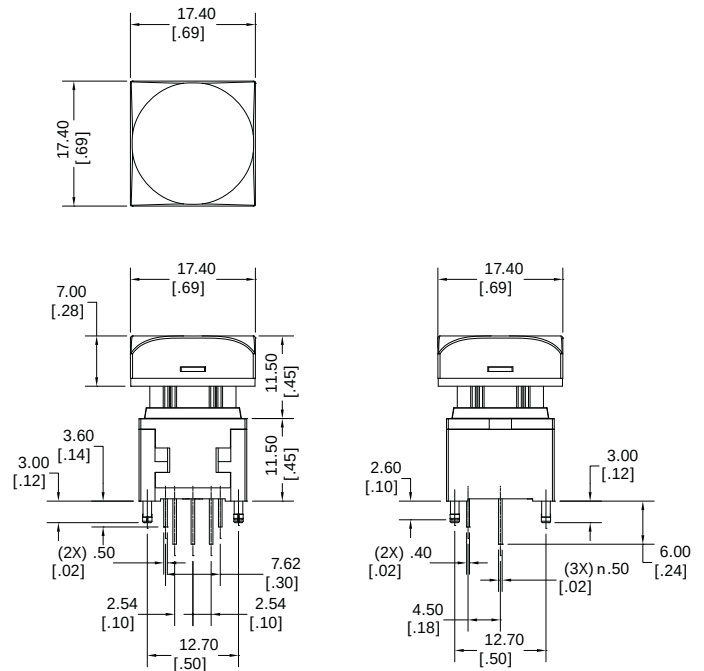
A = 10.0mm Square Sculptured



B = 12.0mm Square Sculptured

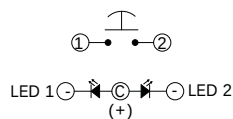
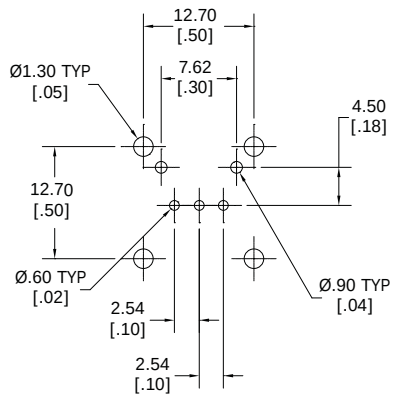
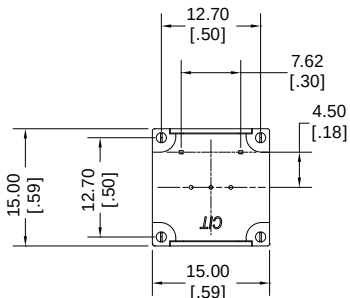
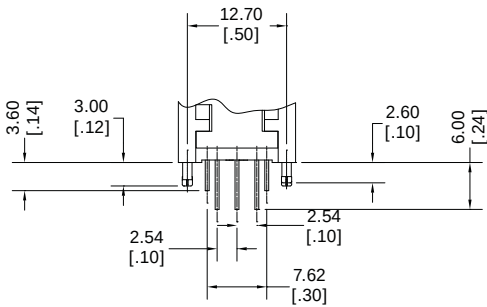


C = 15.0mm Square Sculptured

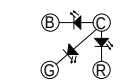
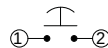
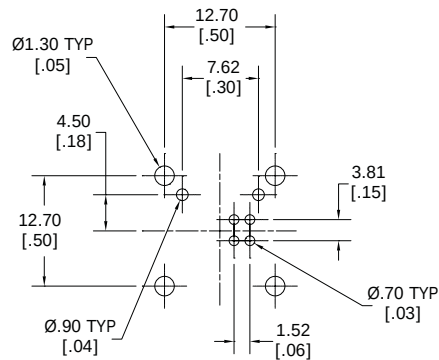
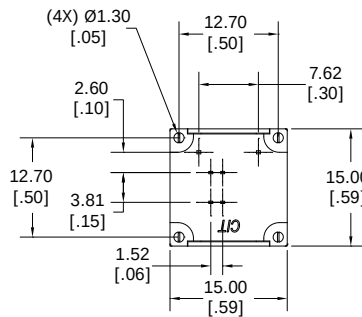
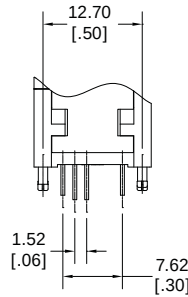


D = 17.4mm Square Sculptured

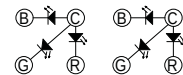
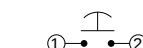
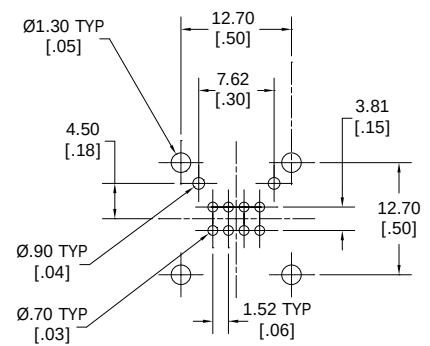
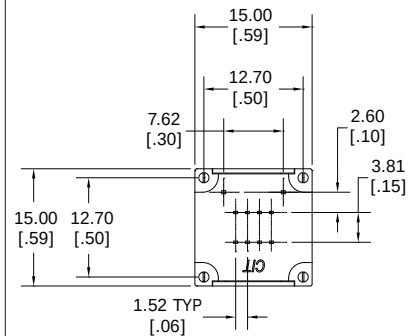
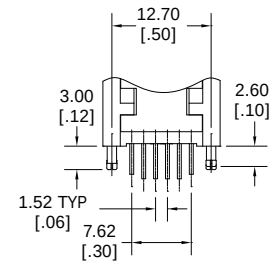
PCB Layout & Schematic



Single or Dual color LED



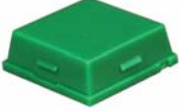
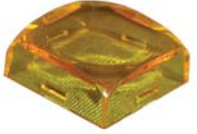
RBG LED



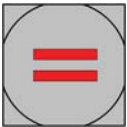
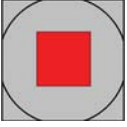
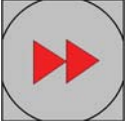
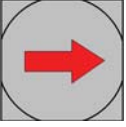
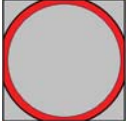
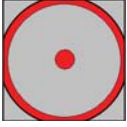
2 RGB LEDs

Illuminated Pushbutton

Actuators & Diffuser Styles

				
1 = White Diffuser	3 = Red Diffuser	4 = Yellow Diffuser	5 = Green Diffuser	7 = Blue Diffuser
				
	3 = Red Cap Semi-Transparent	4 = Yellow Cap Semi-Transparent	5 = Green Cap Semi-Transparent	7 = Blue Cap Semi-Transparent
				
0 = Clear Cap	3T = Red Cap Transparent	4T = Yellow Cap Transparent	5T = Green Cap Transparent	7T = Blue Cap Transparent

Laser Etching Styles

					
A	B	C	D	E	F
					
G	H	I	J	K	L

LED Characteristics

LED Ratings		Color								Units
		R	Y	B	W	PG	R	G	B	
Reverse Voltage	V _R	5	5	5	5	5	5			V
Forward Current (avg)	I _F	25	30	25	25	25	50	30	30	mA
Forward Current (peak)	I _{FS}	60	80	100	100	100	195	150	150	mA
Reverse Current V _R = 5V	I _R	10	100	50	50	50	10			μA
Power Dissipation	P _T	30	75	110	110	100	350			mW
Operating & Storage Temperature	T _A	-40 ~ +85					-40 ~ +85			°C
Forward Voltage (typ) I _F = 20mA	V _F	1.7	2.0	2.6	2.7	3.1	1.8	2.8	2.7	V
Forward Voltage (max) I _F = 20mA	V _F	2.2	2.4	3.7	3.2	3.8	2.3	3.4	3.3	V
Wavelength at Peak Emmission, I _F = 20mA	λ _P	650	590	475	n/a	525	630	525	470	nm
Spectral Line Half-Width, I _F = 20mA	Δλ	20	16	20	n/a	15	25	35	25	nm
Luminous Intensity, I _F = 20mA	LI	140	70	28.5	112	250	177	598	93.6	mcd
Viewing Angle	Θ	100	130	120	110	130	120			deg