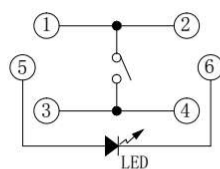
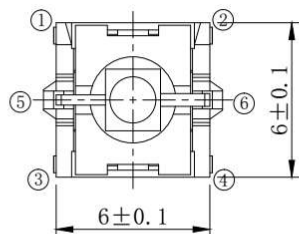


LED CHARACTERISTICS

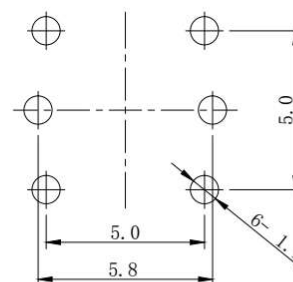
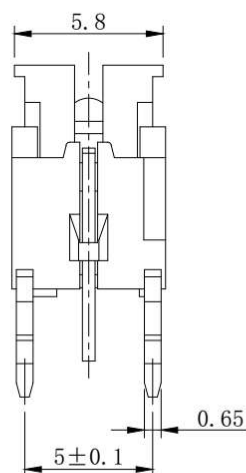
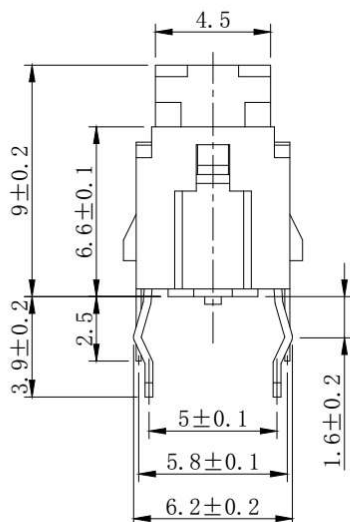
STANDARD LED COLOR OPTIONS								
LED Parameter	Symbol	Condition	UNITS	RED 10	YELLOW/GREEN 30	BLUE 40	WHITE 50	GREEN 60
Power Dissipation	Pd	-	mW	52	60	120	18	120
Forward Current	IF	-	mA	20	20	30	5	30
Peak Forward Current *1	IFP	-	mA	100	100	100	100	100
Reverse Voltage	VR	-	V	5	5	5	5	5
Operating Temperature	Topr	-	-	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Storage Temperature	Tstg	-	-	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Forward Voltage	Vf	F=5mA	V	2.6 max.	2.3 max.	3.2 max.	3.6 max.	3.4 max.
Luminous Intensity	Iv	F=5mA	mcd	140 min.	100 min.	63 min.	94 min.	1000 min.
Reverse Current	IR	F=5mA	μA	100 max.	-	-	1 max.	-
Peak Wave Length	λp	F=5mA	nm	644	570	460	-	521.5
Dominant Wave Length	λd	F=5mA	nm	620 min.	567-573	465-470	-	515-525
Spectral Line Half-width	Δλ	F=5mA	nm	20	30	30	-	30
Viewing Angle	2θ1/2	F=5mA	deg	35	35	35	35	35

STYLES

TB



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION