

Absolute Maximum Rating

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	20	mA
Peak Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Reverse Current	I_R	10	μ A
Power Dissipation	P_D	150	mW
Electrostatic discharge	E_{SD}	800	V
Operation Temperature	T_{OPR}	-25~+80	$^{\circ}$ C
Storage Temperature	T_{STG}	-5~+45	$^{\circ}$ C
Lead Soldering Temperature	T_{SOL}	Max. 260 $^{\circ}$ C for 5sec Max(3mm from the base of the epoxy bulb)	

Typical Optical/Electrical Characteristics

Product Type	Lens Color	Emitting Color	Forward Voltage (v)		Prcep Wavelength (nm)		Luminous Intensity (mcd)		50% Power Angle (deg)
			Type	Max.	Type.	Max.	Min.	Type	Type
JS52RGBB0A	Water Clear	R	1.80	2.40	630	640	300	500	80
		G	3.20	3.60	515	525	1200	1500	
		B	3.20	3.60	465	475	600	800	
JS52RGBB0C	Water Clear	R	1.80	2.40	630	640	300	500	80
		G	3.20	3.60	515	525	1200	1500	
		B	3.20	3.60	465	475	600	800	