

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	$\mu$ 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	