

Absolute Maximum Rating

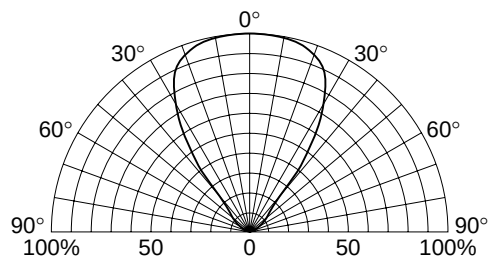
Parameter	Unit	Ratings	Conditions
IF	mA	100	
ΔI_F	mA/°C	-1.33	25°C or higher
IFP	mA	1000	f=1kHz, $t_w \leq 10 \mu s$
VR	V	5	
Top	°C	-30 to +85	
Tstg	°C	-30 to +100	

3 ϕ Round Infrared LEDs

SID2010 Series

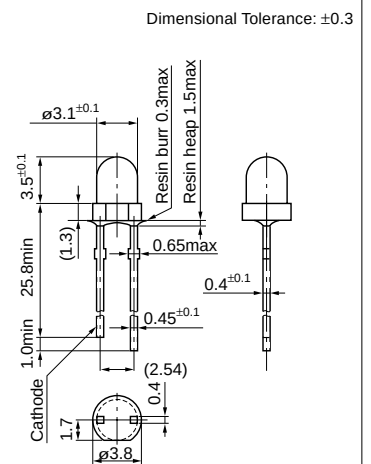
Part Number	Lens Color	Forward Voltage		Conditions IF (mA)	I _e (mW/sr) TYP	Radiant Intensity Conditions	Peak Wavelength λ_P (nm) TYP	Conditions IF (mA)	Spectrum Half Bandwidth		Chip Material	Remark
		V _F (V) TYP	MAX						$\Delta\lambda$ (nm) TYP	Conditions IF (mA)		
SID2010C	Water clear	1.3	1.5	50	7	IF=50mA	940	50	50	50	GaAs	-
SID2K10C	Water clear	1.3	1.5	50	14	IF=50mA	940	50	50	50	GaAs	-

Directional Characteristics (representative example)



External Dimensions

(Unit: mm)



Product Mass: Approx. 0.12 g