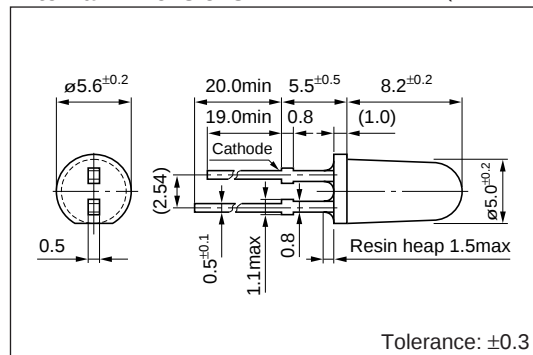


5 ϕ Round Narrow-directivity LED

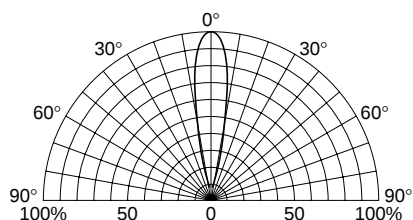
SEL1015 Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating	Condition
I_F	mA	30	
ΔI_F	mA/°C	-0.45	Above 25°C
I_{FP}	mA	100	f=1kHz, $t_w \leq 100\mu s$
V_R	V	3	
Top	°C	-30 to +85	
Tstg	°C	-30 to +100	

Electrical Optical characteristics (Ta=25°C)

Emitting color	Part Number	Lens color	Forward voltage			Reverse current		Intensity		Peak wavelength		Spectrum half width		Chip material
			V _F		Condition I _F (mA)	I _R	Condition V _R (V)	I _V	Condition I _F (mA)	λP	Condition I _F (mA)	Δλ	Condition I _F (mA)	
			(V)			(μA)		(mcd)		(nm)		(nm)		
			typ	max	max	typ	typ	typ	typ					
High-intensity red	SEL1615C	Clear	1.75	2.2	10	100	3	700	20	660	10	30	10	GaAlAs