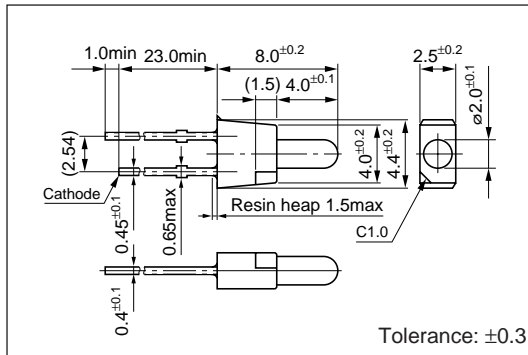


# 2 $\phi$ Round Special-shaped LED

## SEL4017 Series

### External Dimensions

(Unit: mm)



### Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating	Condition
I <sub>F</sub>	mA	30	
ΔI <sub>F</sub>	mA/°C	-0.45	Above 25°C
I <sub>FP</sub>	mA	100	f=1kHz, tw≤100μs
V <sub>R</sub>	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 <sub>F</sub>		I <sub>R</sub>	Condition	I <sub>v</sub>	Condition	λ <sub>P</sub>	Condition	Δλ	Condition		
			typ	max										I <sub>F</sub>
Deep red	SEL4117R	Diffused red	2.0	2.5	10	50	3	1.1	10	700	10	100	10	GaP
Amber	SEL4817D	Diffused orange	1.9	2.5	10	50	3	7.5	10	610	10	35	10	GaAsP
Orange	SEL4917D	Diffused orange	1.9	2.5	10	50	3	7.5	10	587	10	33	10	
Yellow	SEL4717Y	Diffused yellow	2.0	2.5	10	50	3	14	20	570	10	30	10	GaP
Green	SEL4417G	Diffused green	2.0	2.5	10	50	3	16	20	560	10	20	10	