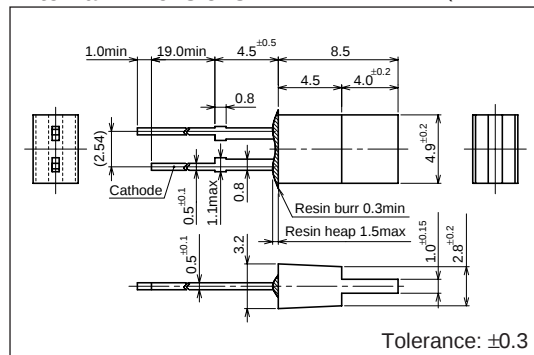


1×5 Rectangular LED

SEL1024 Series

External Dimensions

(Unit: mm)



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	I _R (μA)	Condition V _R	I _V (mcd)	Condition I _F	λ _P (nm)	Condition I _F	Δλ (nm)	Condition I _F	
			(V)											
			typ	max	typ	max	typ	max	typ	max	typ	max	typ	
Deep red	SEL1124R	Diffused red	2.0	2.5	10	50	3	0.5	10	700	10	100	10	GaP
Amber	SEL1824D	Diffused orange	1.9	2.5	10	50	3	4.0	10	610	10	35	10	GaAsP
Orange	SEL1924D	Diffused orange	1.9	2.5	10	50	3	3.0	10	587	10	33	10	
Yellow	SEL1724Y	Diffused yellow	2.0	2.5	10	50	3	6.0	10	570	10	30	10	GaP
Green	SEL1424G	Diffused green	2.0	2.5	10	50	3	15	20	560	10	20	10	