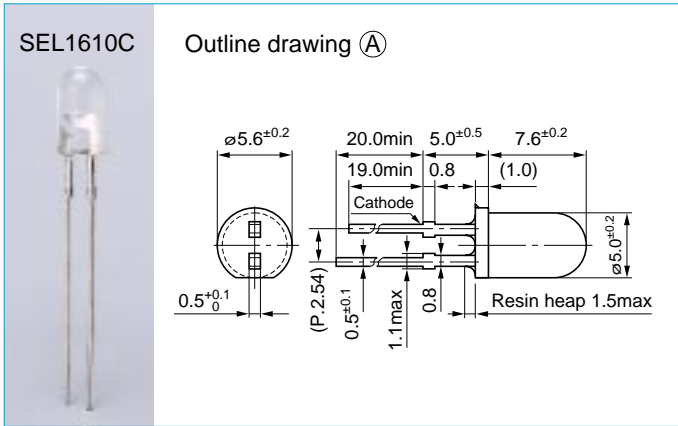
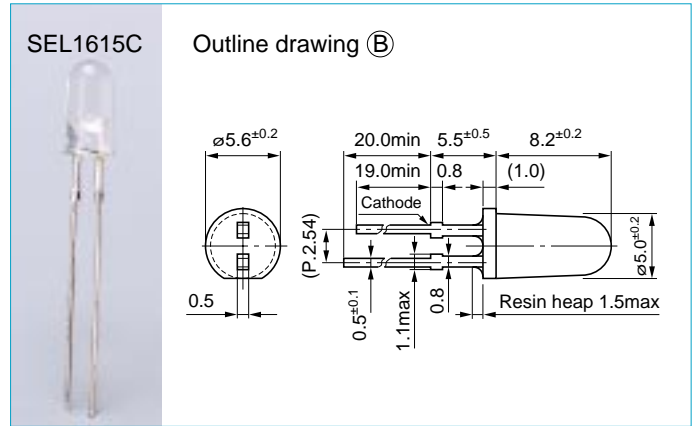


Ultra-high intensity LEDs (SEL1600 series)

SEL1610 series



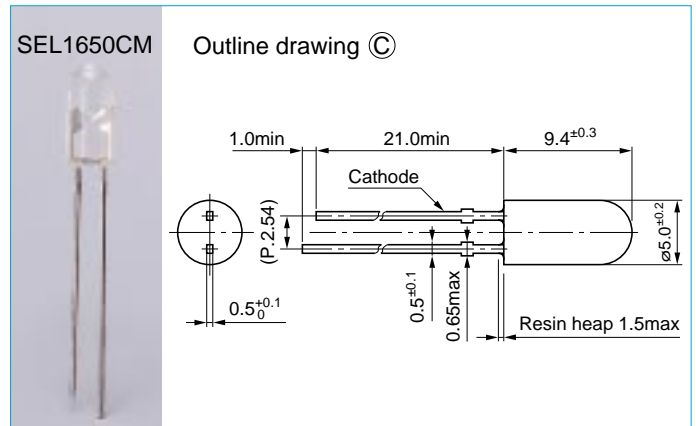
SEL1615 series



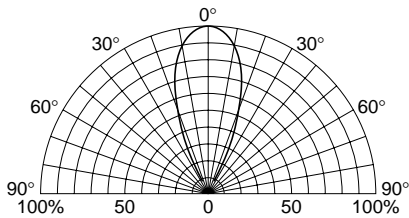
Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Ratings
I _F	mA	30
I _{FP}	mA	100
V _R	V	3
Top	°C	-30 to +85
Tstg	°C	-30 to +100

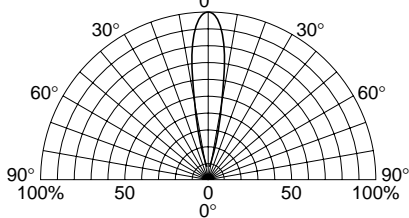
SEL1650 series



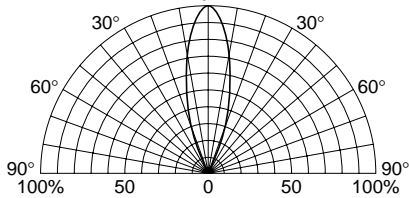
Viewing angle SEL1610C



SEL1615C



SEL1650CM



External dimensions: Unit: mm Tolerance: ±0.3

Type No.	Display form (ø: mm)	Type of lens	Emitting color	Electro-optical characteristics (Ta=25°C)								Outline drawing	
				V _F (V)		Condition I _F (mA)	I _R (μA)	Condition V _R (V)	I _v (mcd)	λ _p (nm)	Δλ (nm)		
				typ	max		max		typ				Condition I _F (mA)
SEL1610C	● 5	Un-tinted, non-diffused	Ultra-high intensity red	1.75	2.2	10	100	3	800	30	660	30	(A)
SEL1615C				(B)									
SEL1650CM				(C)									