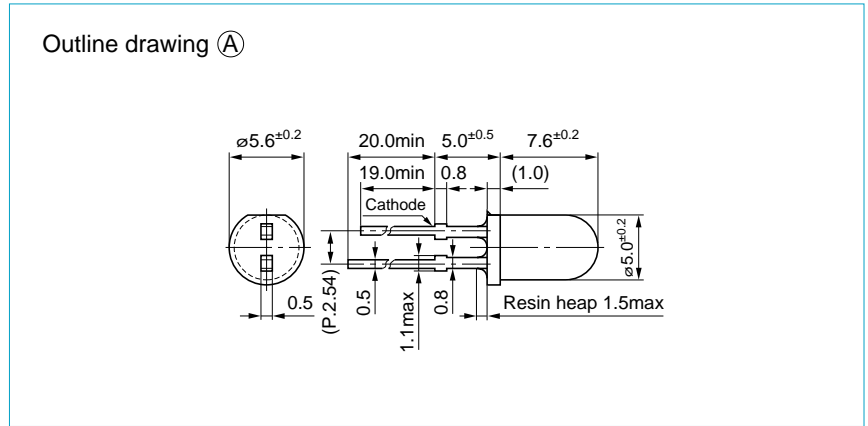


# 5 $\phi$ round-type standard LEDs

## SEL1010 series

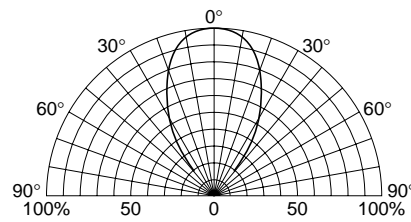


External dimensions: Unit: mm Tolerance:  $\pm 0.3$

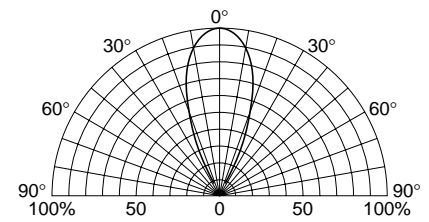
### Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rated
I <sub>F</sub>	mA	30
I <sub>FP</sub>	mA	100
V <sub>R</sub>	V	3
Top	°C	-30 to +85
Tstg	°C	-30 to +100

### Viewing angle



Viewing angle of a diffused lens



Viewing angle of a non-diffused lens

Type No.	Display form (ø: mm)	Type of lens	Emitting color	Electro-optical characteristics (Ta=25°C)								Outline drawing	
				V <sub>F</sub> (V)		Condition I <sub>F</sub> (mA)	I <sub>R</sub> (μA)	Condition V <sub>R</sub> (V)	I <sub>v</sub> (mcd)		λ <sub>p</sub> (nm)		Δλ (nm)
				typ	max				typ	Condition I <sub>F</sub> (mA)			
SEL1110R	●5	Red tinted, diffused	Red	2.0	2.5	10	50	3	3.0	5	700	100	(A)
SEL1110S	●5	Red tinted, non-diffused							5.5				
SEL1110W	●5	Un-tinted, diffused							3.0				
SEL1210R	●5	Light red tinted, diffused	High intensity red	1.9	10	50	3	25.0	20	630	35		
SEL1210S	●5	Light red tinted, non-diffused						30.0					
SEL1410G	●5	Light green tinted, diffused	Green	2.0	2.5	10	50	3	20.0	20	560	20	
SEL1410E	●5	Light green tinted, non-diffused							40.0				
SEL1510C	●5	Un-tinted, non-diffused	Pure green	2.0	2.5	10	50	3	30.0		555		
SEL1710Y	●5	Yellow tinted, diffused	Yellow	1.9	2.5	10	50	3	3.0	10	570	40	
SEL1710K	●5	Yellow tinted, non-diffused							5.0				
SEL1810D	●5	Orange tinted, diffused	Amber	1.9	2.5	10	50	3	12.0	10	610	35	
SEL1810A	●5	Orange tinted, non-diffused							25.0				
SEL1910D	●5	Orange tinted, diffused	Orange	1.9	2.5	10	50	3	3.0	10	587	33	
SEL1910A	●5	Orange tinted, non-diffused							5.5				