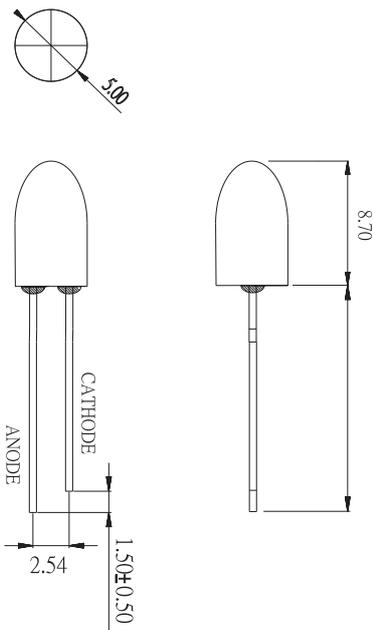


## Device Selection Guide

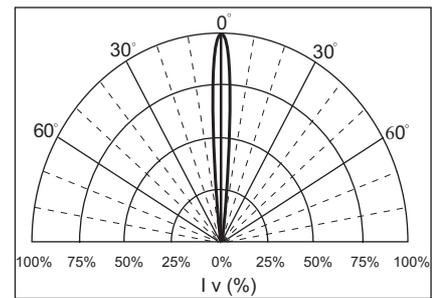
Part Number EOL-	Luminous Intensity $I_V$ (mcd) @ $I_F = 20$ mA		Viewing Angle $2\theta_{1/2}$	Dominant Wavelength $\lambda_D$ (nm) @ $I_F = 20$ mA	$V_F$ @ $I_F = 20$ mA		$I_R$ ( $\mu$ A) @ $V_R = 5$ V	Stand Off	Epoxy Color
	Min.	Typ.	Typ.	Typ.	Typ.	Max.	Max.		
M6RBCC0-TK	9690	13000	8°	623	2.2	2.6	10	No	Clear

BIN#	Y	Z			
Intensity(mcd) @ $I_F = 20$ mA	9690-13570	13570-19000			

## Package Dimensions



## Beam Pattern



**Note:**

- All dimensions are in millimeter.
- Unspecified tolerance:  $\pm 0.20$ mm.
- Protruded resin under bottom surface of epoxy is 1.5mm max.
- Lead spacing is measured where the leads emerge from the package
- Specifications are subject to be changed without notice.

### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Parameter	Symbol	Maximum Value	<i>USER---APPROVED</i>
Average Forward Current	$I_F$	30mA	
Peak Forward Current <sup>[a]</sup>	$I_{peak}$	100mA	
Reverse Voltage	$V_R$	5V	
Power Dissipation	$P_D$	78mW	
Operating Temperature Range	$T_{opr}$	-40°C ~ +85°C	
Storage Temperature Range	$T_{sto}$	-40°C ~ +100°C	
Lead Soldering Temperature	$T_{sol}$	260°C / 5 seconds	

Notes: [a] Duty Ratio = 1/10, Pulse Width = 0.1ms.