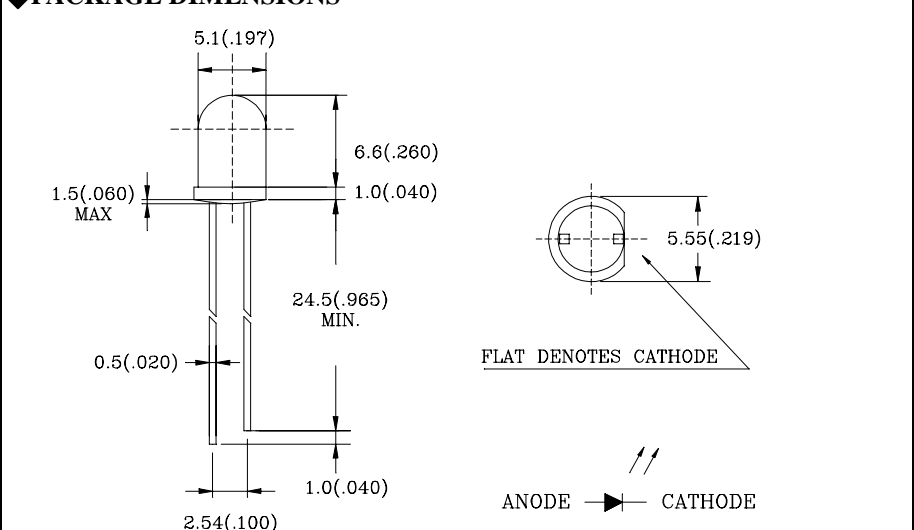


**◆PACKAGE DIMENSIONS**



**◆ABSOLUTE MAXIMUM RATING: (Ta=25°C)**

Part No.	P <sub>D</sub> (mw)	V <sub>R</sub> (V)	Topr	Tstg
L-53AEIRXX	100	5	-35°C to 85°C	-35°C to 85°C
<b>PARAMETER</b>	<b>Power Dissipation</b>	<b>Reverse Voltage</b>	<b>Operating Temperature Range</b>	<b>Storage Temperature Range</b>

**Lead Soldering Temperature { 1.6mm ( 0.063 inch ) From Body } 250°C±5°C For 3 Seconds**

**◆ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)**

Part No.	V <sub>F</sub> (V)			I <sub>R</sub> (uA)			λ <sub>P</sub> (nm)			2θ 1/2 (Age)			I <sub>e</sub> (mw/sr)		
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
L-53AEIR1C		1.2 1.4	1.6			10			940			50		7	14
L-53AEIR1BC		1.2 1.4	1.6			10			940			50		7	14
L-53AEIR2C		1.4 1.6	1.8			10			880			50		7	14
L-53AEIR2BC		1.4 1.6	1.8			10			880			50		7	14
<b>TEST CONDITION</b>	I <sub>F</sub> =20mA I <sub>F</sub> =100mA			V <sub>R</sub> = 5V			I <sub>F</sub> = 20mA			I <sub>F</sub> =20mA			I <sub>F</sub> = 20mA		

BC=BLUE CLEAR

- All dimension are in millimeter (inches).
- Tolerance is ±0.25mm( 0.01”)unless otherwise specified.