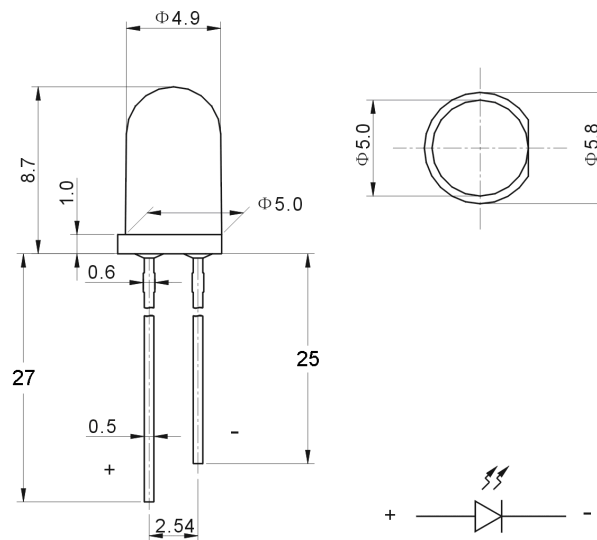


Part No.: CZ-504IR940

UNIT: mm



NOTE:TOLERANCE ± 0.5 mm

Parameter	Symbol	Min.	Typ.	Max.	UNIT	Test Condition
Forward Voltage	V_F	1.50	1.60	1.80	V	$I_F=50\text{mA}$
Radiant intensity	Ee	22		30	mW/sr	$I_F=50\text{mA}$
Peak Wavelength	λ_p		940		nm	$I_F=50\text{mA}$
Reverse Current	IR			10	μA	$V_R=5\text{V}$
Transient Peak Current	If (Peak)			120	mA	
Viewing Angle	θ		45		deg	$I_F=50\text{mA}$
Power dissipation	Pd		100		mW	

■ **ABSOLUTE MAXIMUM RATINGS:** ($T_a = 25^\circ\text{C}$)

■ **OPERATING TEMPERATURE:** -40°C TO $+80^\circ\text{C}$

■ **LEAD SOLDERING:** 260°C FOR 5 SECONDS