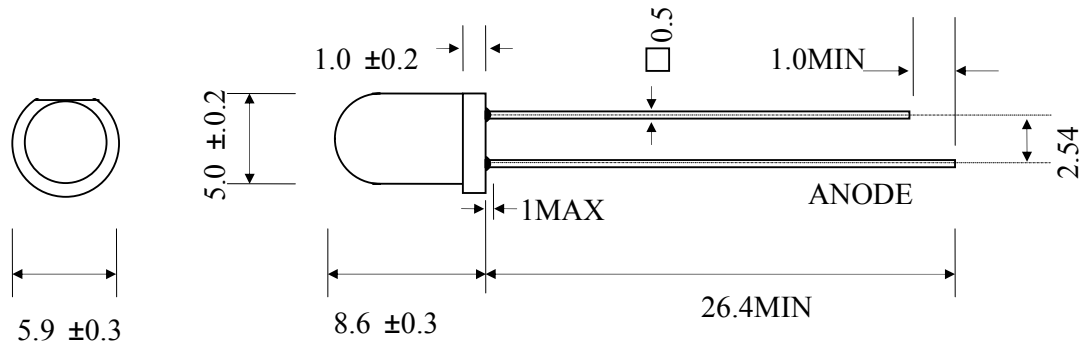


T-1 3/4 (5mm) Super Bright Round Type

**PACKAGE DIMENSIONS**



NOTE:

1. All dimensions are in millimeter.
2. Lead spacing is measured where the lead emerge from the package.

**SELECTION GUIDE**

Part NO	Chip		Lens Color	Viewing Angle
	Material	Emitted		
5-22WC35-40SOL	AlGanP	Super Red	Water Clear	15°

**Part No: 5-22WC35-40SOL**

**ABSOLUTE MAXIMUM RATINGS (Ta=25°C)**

PARAMETER	SYMBOL	MAX. RATING	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	50	mA
Peak forward current (10µs Pulse)	IFM	200	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	-40~+85	°C
Lead Soldering Temperature (1.6mm From Case Bottom 260°C For 5 SEC)			

**ELECTRIC-OPTICAL CHARACTERISTICS**

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Forward Voltage	VF	IF=20mA		2.0	2.6	V
Reverse Voltage	VR	IR=10uA	5			V
Luminous Intensity	IV	IF=20mA	4000	5000		mcd
Peak Emission Wavelength	λP	IF=20mA		640		nm
Spectrum Width Of Half Value	Δλ	IF=20mA		20		nm

**CHARACTERISTICS DIAGRAMS**

