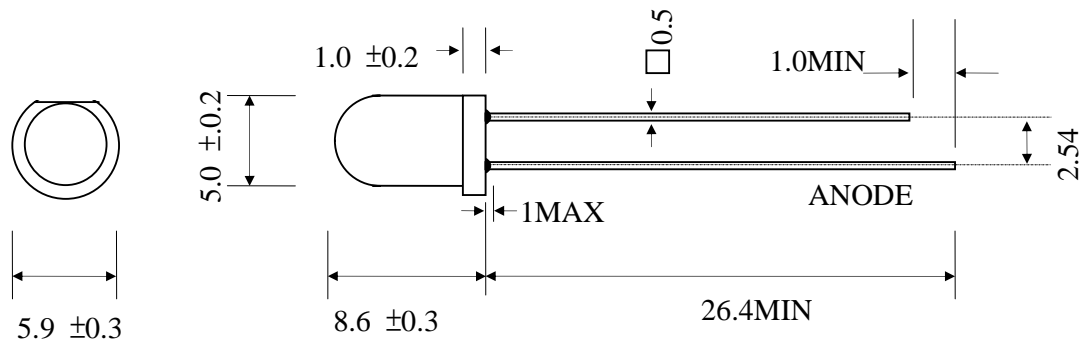


T-1 3/4 (5mm) Super Bright Round Type

**★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-FB-WC38-CC880	GaAlAs	Infrared	Water Clear	$30^\circ$

**Part No: 5-FB-WC38-CC880**

## ★ABSOLUTE MAXIMUM RATINGS

(Ta=25°C)

PARAMETER	SYMBOL	MAX. RATING	Unit
Power Dissipation	Pd	100	mW
Continuous Forward Current	IF	50	mA
Peak forward current (10 μs Pulse)	IF	1.2	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		1.2	1.4	V
Forward Voltage	VF	IF=100mA		1.4		V
Reverse Voltage	VR	IR=10uA	5			V
Radiant Intensity	Po	IF=50mA	20	35		Mw/sr
Peak Emission Wavelength	λ P	IF=20mA		880		nm
Spectrum Width Of Half Value	Δ λ	IF=20mA		50		nm

## ★CHARACTERISTICS DIAGRAMS

