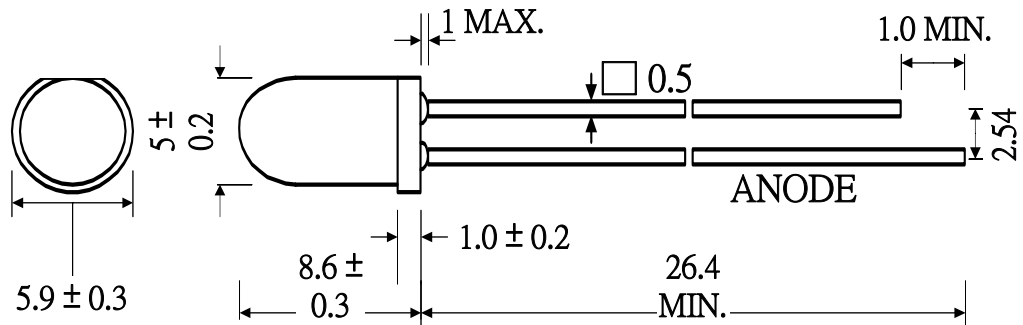


**★PACKAGE DIMENSIONS**



**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		
5-22-WC35-TLD	AlGaInP	Super Red	Water Clear	30°

**Part No: 5-22-WC35-TLD**

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

PARAMETER	SYMBOL	MAX. RATING	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	50	mA
Pak forward current (10 μs 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		2.2	2.6	V
Reverse Voltage	VR	IR=10uA	5			V
Luminous Intensity	IV	IF=20mA	5600	8000		mcd
Dominant Emission Wavelength	λ D	IF=20mA		628		nm
Spectrum Width Of Half Value	Δ λ	IF=20mA		20		nm

**★CHARACTERISTICS DIAGRAMS**

**Super Bright Red (AlGaInP)**

