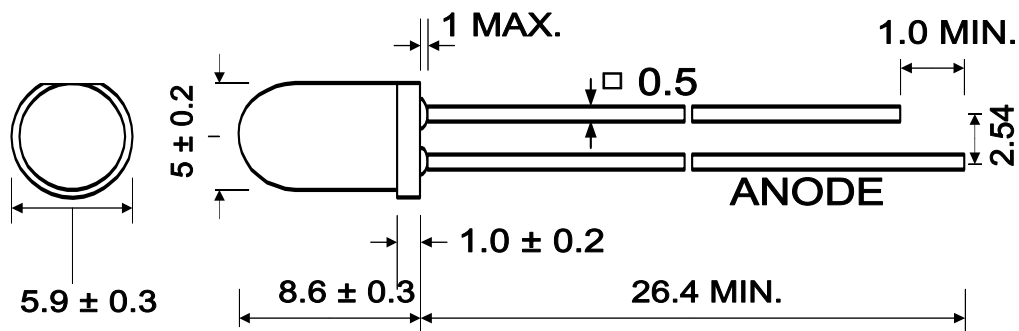




B5-435-TL Super Bright Red LED Lamp

T-1 3/4 (5mm)

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		
B5-435-TL	AlGaInP	Super Red	Water Clear	15°



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 (10µs Pulse)	IFM	200	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	Topr	-40~+85	□
Storage Temperature	Tstg	-40~+85	□
Lead Soldering Temperature (1.6mm From Case Bottom 260□For 5 SEC)			

ELECTRO-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	7000	10000		mcd
Dominant Wavelength	λD	IF=20mA		628		nm
Spectrum Width Of Half Value	dλ	IF=20mA		20		nm

CHARACTERISTICS DIAGRAMS

