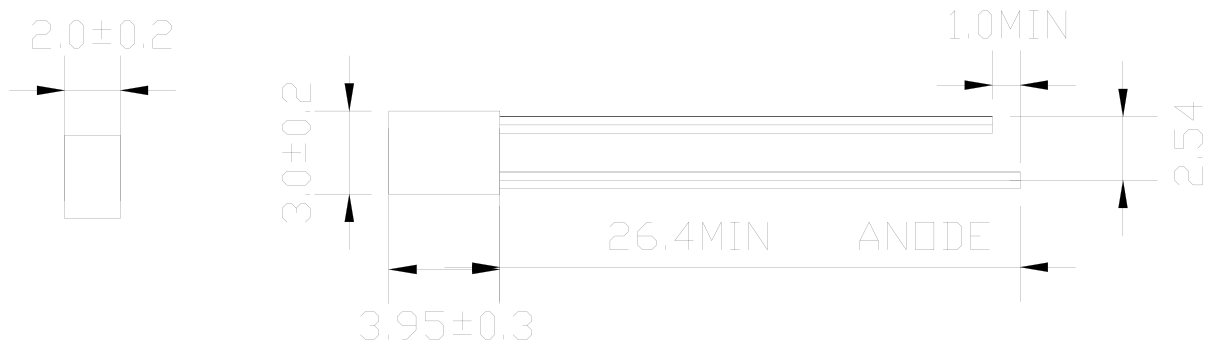




Light Emitting Diode Lamp

Date: 2003/08/14

-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 $2\theta_{1/2}$ (deg)
	Material	Emitted Color		
3-23b-CD43	GaP	Green	Green Diffused	80



Part No: 3-23b-CD43

-Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	MAX. Rating	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	30	mA
Pak forward current (10µs Pulse)	IFM	100	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□For 5 SEC)

-Electric-Optical Characteristics

Parameter	Symbol	Test Condition	MIN	TYP	MAX	Unit
Forward Voltage	VF	IF=20mA		2.1	2.6	V
Reverse Voltage	VR	IR=10uA	5			V
Luminous Intensity	IV	IF=20mA	5	10		mcd
Peak Emission Wavelength	λP	IF=20mA		565		nm
Spectrum Width Of Half Value	Δλ	IF=20mA		30		nm

-Characteritics Diagrams

