

TOL-504UBEW

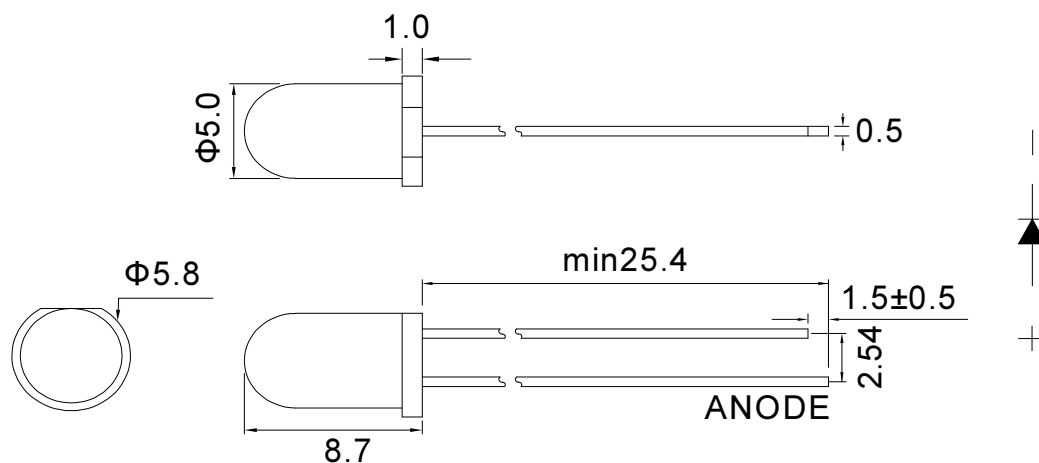
Lamp LED

Part Number	Chip		Lens Color
	Material	Source Color	
TOL-504UBEW	GaP	Blue	White diffused

Features

- I.C. compatible.
- Low power consumption.
- Compatible with wave soldering process.
- 5mm diameter package.
- Long life, stable and reliable.
- RoHS compliant.

Dimensions



Notes:

1. All dimensions are in millimeter.
2. Tolerance is ±0.25mm unless otherwise notes.

Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	150	mA
Power Dissipation	105	mW
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +80°C	
Storage Temperature Range	-40°C to +100°C	
Solder ability	235±5 °C for 3±0.5 sec	
Wave Soldering Profile For Lead-free Soldering	260°C±5 °C for 10 ±1 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v		493		mcd	I _F =20mA
Viewing Angle	2θ _{1/2}		40		deg	I _F =20mA
Dominant Wavelength	λ _d		470		nm	I _F =20mA
Spectral Line Half-Width	Δλ		20		nm	I _F =20mA
Forward Voltage	V _F		3.2		V	I _F =20mA
peak wavelength	λ _p		465		nm	I _F =20mA
Reverse Current	I _R			10	μA	V _R =5V

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