

TOL-34ESWFW

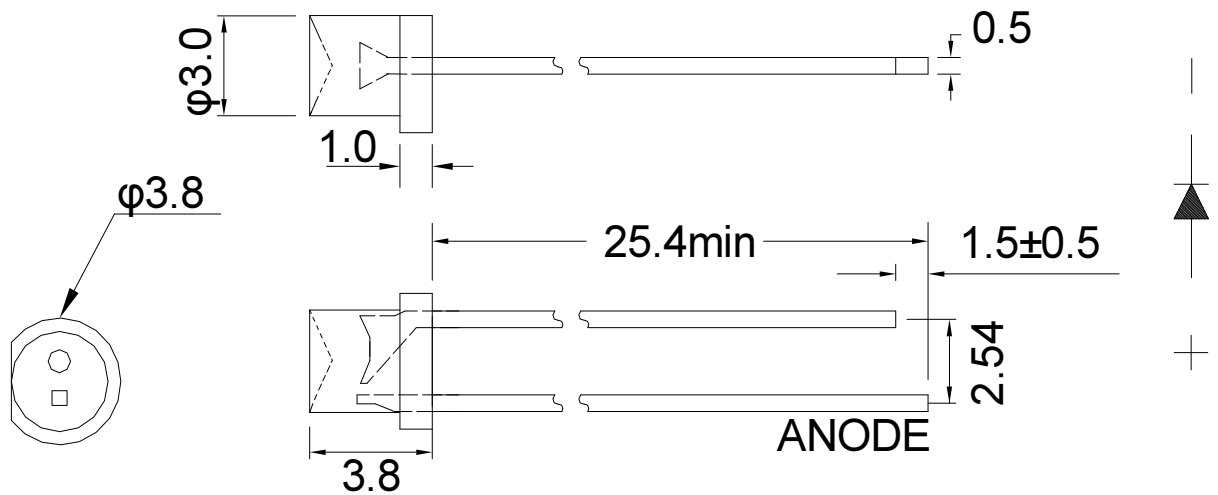
Lamp LED

Part Number	Chip		Lens Color
	Material	Source Color	
TOL-34ESWFW	InGaN/GaN	Snow White	Water Clear

Features

- I.C. compatible
- Low power consumption
- Compatible with wave soldering process
- 3.8mm diameter package
- Long life, stable reliable
- RoHS compliant

Dimensions



Notes:

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

Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Power Dissipation	120	mW
Continuous Forward Current	25	mA
Reverse Voltage	5	V
Operating Temperature Range	-35°C to +85°C	
Storage Temperature Range	-35°C to +85°C	
Wave Soldering Profile For Lead-free Soldering	260°C, 5 Seconds	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v				mcd	I _F =5mA
		560		730	mcd	I _F =20mA
Viewing Angle	2θ _{1/2}		110		deg	I _F =20mA
Correlated Color Temperature	T _c	0.27/0.23	0.29/0.31	0.37/0.37	K	I _F =20mA
Forward Voltage	V _F	2.6	3.0	3.4	V	I _F =5mA
		2.8	3.2	4.0	V	I _F =20mA
Reverse Current	I _R			10	μA	V _R =5V
Chromaticity Coordinates	X		0.30			I _F =20mA
	Y		0.31			I _F =20mA

* Please refer to CIE 1931 chromaticity diagram.