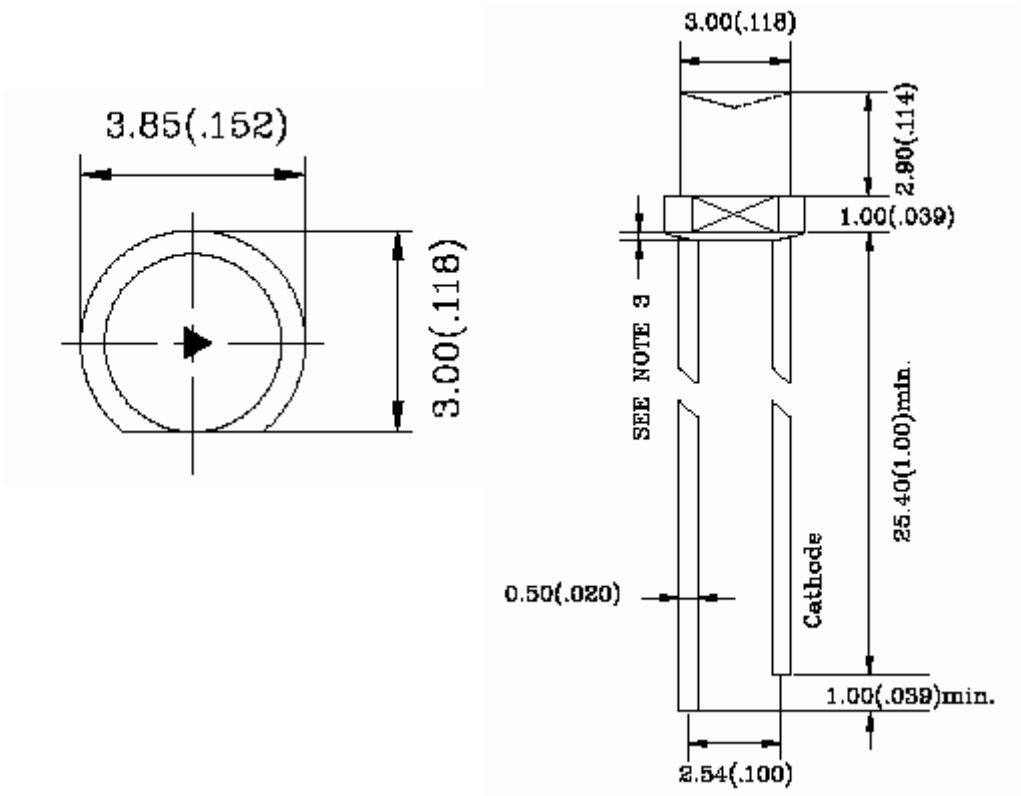
Technical Data
Data Sheet 3668, Rev. -

3.0 mm DIA LED LAMP

Features:

- **Low power consumption.**
- **I.C.compatible.**
- **Long life solid state reliability.**

Mechanical Dimensions: In Inches / mm



Notes:
1. All dimensions are in millimeters.
2. Tolerance is ± 0.25 mm (.010") unless otherwise specified.
3. Protruded resin under flange is 1.5 mm (.059") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specification are subject to change without notice.

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Absolute Maximum Ratings (T_A = 25 °C)

Parameter	Symbol	Parameters	Unit
Power Dissipation	P_{AD}	85	mW
Continuous Forward Current	I_{AF}	30	mA
Reverse Voltage	V_R	5	V
Peak Forward Current(Duty=0.1,1KHz)	I_{PF}	120	mA
Derating Linearly from 25 °C	-	0.40	mA/°C
Operating Temperature Range	T_{opr}	-25 ~ +85	°C
Storage Temperature Range	T_{stg}	-40 ~ +85	°C
Lead Soldering Temperature { 1.6mm(0.063inch) From Body	-	250 ± 5 (for 3 seconds)	°C

Electro-Optical Characteristic (T_A = 25 °C)

Parameter	Symbol	Parameters	Unit
Chip Material	-	GaP/GaP	-
Light Color	-	Yellow Green	-
Lens Color	-	Green Diffused	-
Luminous Intensity @I_F = 20 mA	I_V	2 (Typ.)	mcd
Dominant Wavelength @I_F = 20 mA	λ_D	570(Typ.)	nm
Spectral Line Half-Width @I_F = 20 mA	$\triangle_\lambda$	30(Typ.)	nm
Viewing Angle Typical @I_F = 20 mA	$2\theta_{1/2}$	150(Typ.)	Degree
Forward Voltage @I_F = 20 mA	V_F	2.8 (Max.) 2.2 (Typ.)	V
Max. Reverse Current @ 5V	I_R	100(Max.)	µA

TECHNICAL DATA

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