

## LED3YEL

### FEATURES

- 3mm Round
- General Purpose Lead
- Highly Reliable

	Chip	Colloid
Material	GaP	Epoxy
Color	Yellow	Clear / Transparent

Note: All the LEDs are Clear/Transparent body before power on. So, before power on, no matter which color, all look the same (all are clear/transparent).

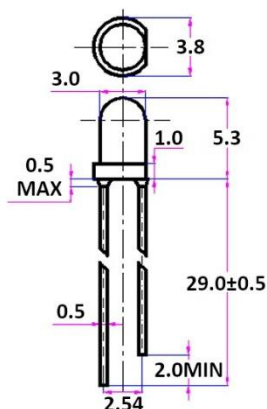
### ABSOLUTE MAXIMUM RATINGS (T<sub>A</sub>=25°C)

Parameter	Symbol	Value	Unit
Max Power Dissipation	P <sub>M</sub>	85	mW
Max Continuous Forward Current	I <sub>FM</sub>	20	mA
Max Reverse Voltage	V <sub>RM</sub>	5	V
Peak Forward Current	I <sub>FP</sub>	30	mA
Lead Soldering Temperature / Time	T <sub>SOL</sub>	260 / ≤3S	°C/S
Operating Temperature Range	T <sub>OPR</sub>	-25 ~ +80	°C
Storage Temperature Range	T <sub>STG</sub>	-40 ~ +80	°C

### INITIAL ELECTRICAL OPTICAL CHARACTERISTICS

Parameter	Symbol	MIN	TYP	MAX	UNIT	Conditions
Luminous Intensity	I <sub>V</sub>	1000	-	1500	mcd	I <sub>F</sub> =20mA
Viewing Angle	2∅1/2	/	/	/	deg	I <sub>F</sub> =20mA
Peak Wave Length	λ <sub>P</sub>	/	590	/	nm	I <sub>F</sub> =20mA
Dominant Wave Length	λ <sub>d</sub>	588	/	592	nm	I <sub>F</sub> =20mA
Spectral Width at half height	Δλ	/	/	/	nm	I <sub>F</sub> =20mA
Forward Voltage	V <sub>F</sub>	2.0	/	2.2	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>	/	/	≤20	μA	VR=5V

### SHAPE AND SIZE



All products, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.