

LED5RED

FEATURES

- Ultra Bright Brightness
- 5mm Round
- General Purpose Lead
- Highly Reliable

	Chip	Colloid
Material	GaP	Epoxy
Color	Red	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).

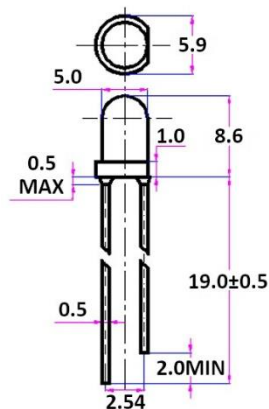
ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

Parameter	Symbol	Value	Unit
Max Power Dissipation	P _M	80	mW
Max Continuous Forward Current	I _{FM}	30	mA
Max Reverse Voltage	V _{RM}	5	V
Peak Forward Current	I _{FP}	75	mA
Lead Soldering Temperature / Time	T _{SOL}	240 / ≤3S	°C/S
Operating Temperature Range	T _{OPR}	-25 ~ +85	°C
Storage Temperature Range	T _{STG}	-30 ~ +100	°C

INITIAL ELECTRICAL OPTICAL CHARACTERISTICS

Parameter	Symbol	MIN	TYP	MAX	UNIT	Conditions
Luminous Intensity	I _V	1500	2000	3000	mcd	I _F =20mA
Viewing Angle	2Ø1/2	/	35	/	deg	I _F =20mA
Peak Wave Length	λ _p	/	630	/	nm	I _F =20mA
Dominant Wave Length	λ _d	625	630	635	nm	I _F =20mA
Spectral Width at half height	Δλ	/	30	/	nm	I _F =20mA
Forward Voltage	V _F	1.9	2.2	2.4	V	I _F =20mA
Reverse Current	I _R	/	/	≤30	μA	V _R =5V

SHAPE AND SIZE



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