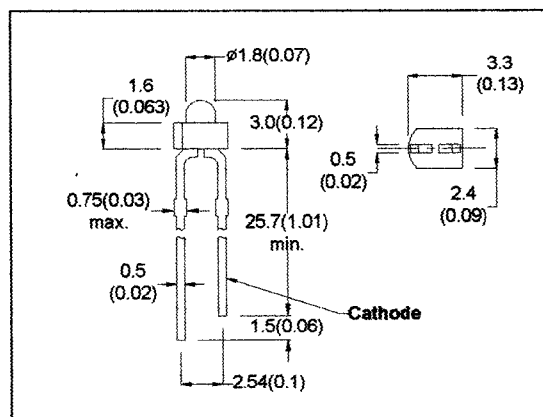


### DESCRIPTION

This series are ultra high brightness LED lamp with dot point 1.8mm diameter epoxy package.

MGE18T is GaP green LED with clear transparent lens.  
MOE18T is GaAsP orange LED with clear transparent lens.  
MYE18T is GaAsP yellow LED with clear transparent lens.



- All Dimension in mm (inch)
- No Scale
- Tol : +/- 0.3mm

### ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C  
Forward Current, DC (IF)  
Reverse Voltage  
Operating & Storage Temperature Range  
Lead Soldering Temperature (1/16" from body)

MGE18T  
MOE18T

MYE18T

90mW	60mA
30mA	20mA
5V	5V
-55 to +100°C	
260°C for 5 sec.	

### ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MGE18T	MOE18T	MYE18T	UNIT	CONDITIONS
Forward Voltage	MAX V <sub>F</sub>	3.0	3.0	3.0	V	I <sub>F</sub> =20mA
Reverse Breakdown Voltage	MIN BV <sub>R</sub>	5	5	5	V	I <sub>R</sub> =100 μA
Luminous Intensity	MIN I <sub>V</sub>	60	20	18	mcd	I <sub>F</sub> =20mA
	TYP	90	35	30	mcd	I <sub>F</sub> =20mA
Peak Wavelength	TYP λ <sub>p</sub>	570	630	585	nm	I <sub>F</sub> =20mA
Spectral Line Half Width	TYP Δλ	30	35	35	nm	I <sub>F</sub> =20mA
Viewing Angle	TYP 2θ 1/2	24	24	24	degree	I <sub>F</sub> =20mA

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