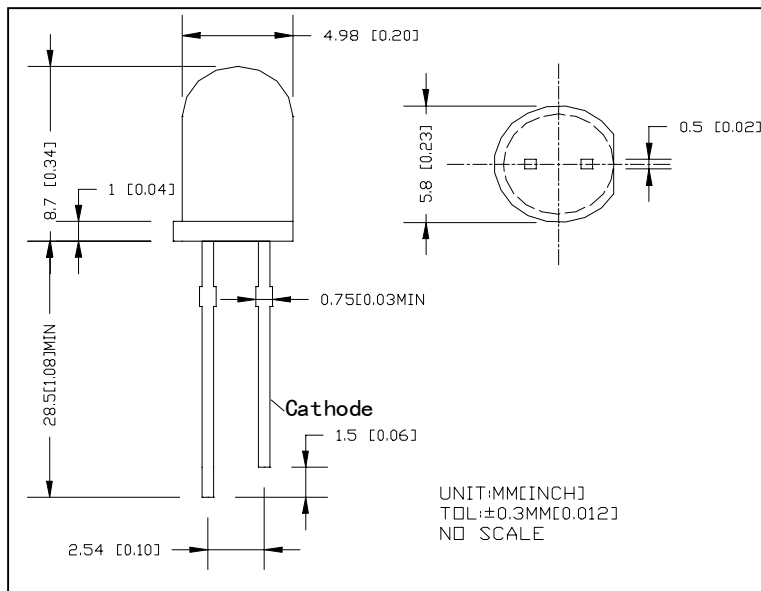


DESCRIPTION

MBB51TK-11J is an ultra high brightness InGaN/GaN blue LED lamp encapsulated in a 5mm diameter clear transparent lens .



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	125mW
Continuous Forward Current	30mA
Reverse Voltage	5V
Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-30 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		3.2	3.5	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Viewing Angle	2θ 1/2		70		degree	IF=20mA
Luminous Intensity	IV	3500	4200		mcd	IF=20mA
Dominant Wavelength	λ d	465		470	nm	IF=20mA
Spectral Line Half Width	Δ λ		30		nm	IF=20mA

CAUTION

Static electricity and surge damages the LED ,It is recommended to use a wrist band or anti-eletrostatic glove when handling the LED . All devices,equipment and machinery must be properly grounded.



MBB51TK-11J

Typical Electro-Optical Characteristics Curves(Ta=25°C)

