

SELECTOR GUIDE

Part Number	Dice	Lens Color / Type	Pack Size	View Angle 2θ 1/2
MT6224-AHRG-A	Green Orange	White Diffused	5mm Round Bicolor	70 °

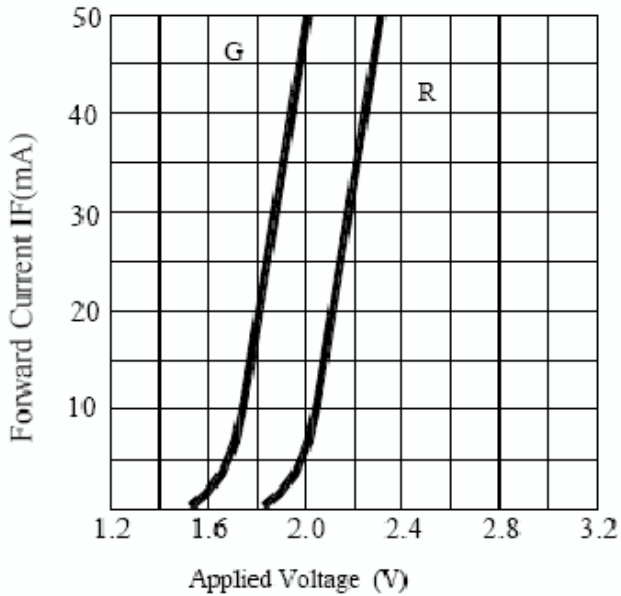
ELECTRICAL / OPTICAL CHARACTERISTICS AT T_A=25°C

Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	V _F	Green Orange	-	2.1 1.8	2.6 2.2	V	10mA
Reverse Current	I _R	Green Orange	-	-	100 100	μA	5V
Luminous Intensity	I _v	Green Orange	30.0 36.0	50.0 60.0	-	mcd	10mA
Peak Wavelength	λ _{peak}	Green Orange	-	568 635	-	nm	10mA
Dominant Wavelength	λ _D	Green Orange	-	573 626	-	nm	10mA
Spectral Line Half-Width	Δλ _{1/2}	Green Orange	-	30 35	-	nm	10mA

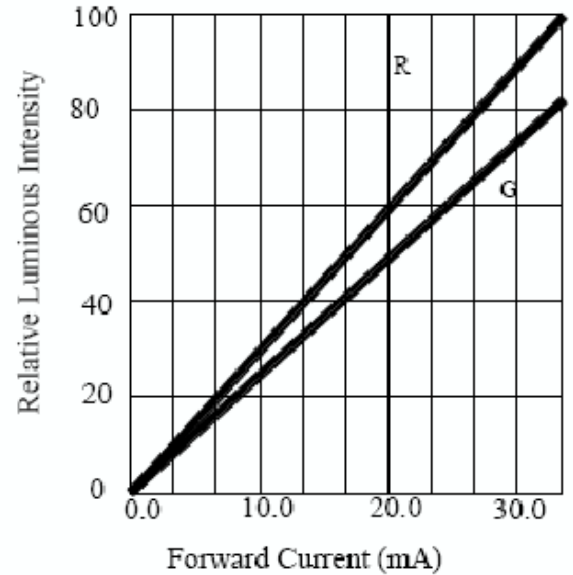
ABSOLUTE MAXIMUM RATINGS AT T_A=25°C

Parameter	Rating	Units
Forward Current (I _F)	30	mA
	30	
Power Dissipation (P _D)	78	mW
	66	
Reverse Voltage (V _R)	5	V
	5	
Operating Temperature (T _{OPR})	-25 ~ +85	°C
Storage Temperature (T _{STG})	-40 ~ +100	°C
Lead Solder Temperature (T _{SOL})	260	@ for 5 sec. max

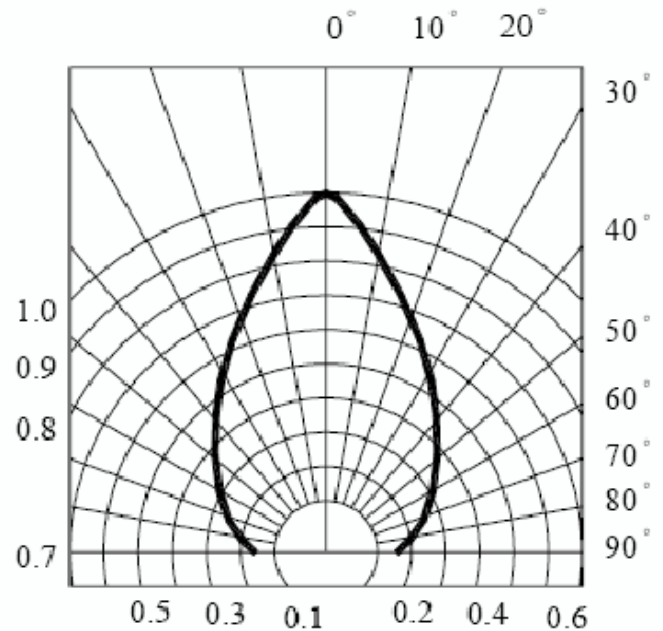
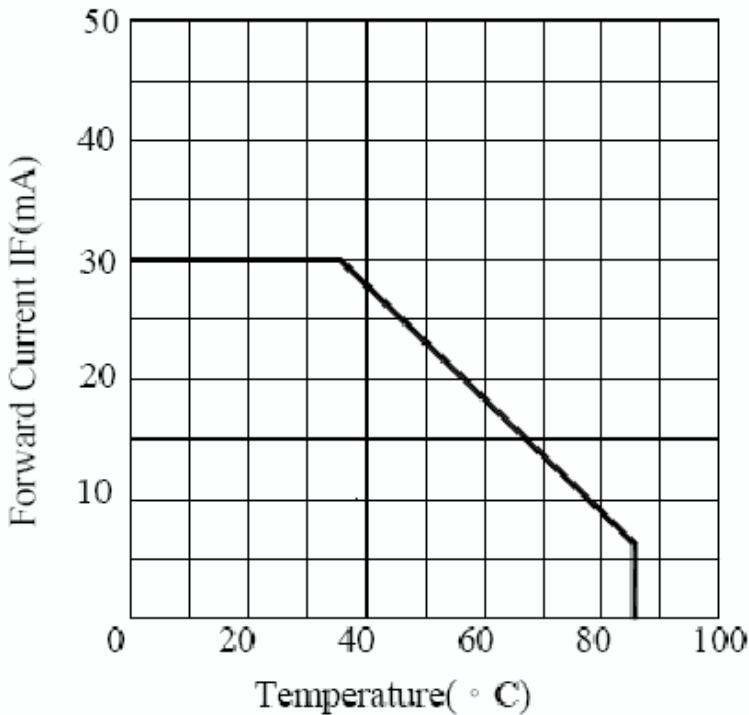
1. All Dimensions Are In Millimeters (inches).
2. Tolerance Is +0.25(0.01") Unless Otherwise Noted.
3. Specifications Are Subject To Change Without Notice.



FORWARD CURRENT VS. APPLIED VOLTAGE



FORWARD CURRENT VS. LUMINOUS INTENSITY



RADIATION DIAGRAM

