


**SELECTOR GUIDE**

Part Number	Dice	Lens Color / Type	Pack Size	View Angle $2\theta_{1/2}$
MT240-G-A	Green	Green Diffused	3mm Round 40° - 120°	60°

**ELECTRICAL / OPTICAL CHARACTERISTICS AT  $T_A=25^\circ\text{C}$** 

Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	$V_F$	Green	-	2.1	2.6	V	20mA
Reverse Current	$I_R$	Green	-	-	100	$\mu\text{A}$	5V
Luminous Intensity	$I_V$	Green	6.22	16.0	-	mcd	20mA
Peak Wavelength	$\lambda_{\text{peak}}$	Green	-	567	-	nm	20mA
Dominant Wavelength	$\lambda_D$	Green	-	572	-	nm	20mA
Spectral Line Half-Width	$\Delta\lambda_{1/2}$	Green	-	30	-	nm	20mA

**ABSOLUTE MAXIMUM RATINGS AT  $T_A=25^\circ\text{C}$** 

Parameter	Rating	Units
Forward Current ( $I_F$ )	30	mA
Power Dissipation ( $P_D$ )	78	mW
Reverse Voltage ( $V_R$ )	5	V
Operating Temperature ( $T_{OPR}$ )	-25 ~ +85	$^\circ\text{C}$
Storage Temperature ( $T_{STG}$ )	-40 ~ +100	$^\circ\text{C}$
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.



