


**SELECTOR GUIDE**

Part Number	Dice	Lens Color / Type	Pack Size	View Angle $2\theta_{1/2}$
MT2030-YG-A	Yellow Green	White Diffused	3mm Round Bicolor	118 °

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

Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	$V_F$	Yellow Green	-	2.1 2.1	2.6 2.6	V	20mA
Reverse Current	$I_R$	Yellow Green	-	-	100 100	$\mu\text{A}$	5V
Luminous Intensity	$I_V$	Yellow Green	2.0 3.0	5.0 7.0	-	mcd	20mA
Peak Wavelength	$\lambda_{\text{peak}}$	Yellow Green	-	585 567	-	nm	20mA
Dominant Wavelength	$\lambda_D$	Yellow Green	-	590 572	-	nm	20mA
Spectral Line Half-Width	$\Delta\lambda_{1/2}$	Yellow Green	-	35 30	-	nm	20mA

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

Parameter	Rating	Units
Forward Current ( $I_F$ )	30 30	mA
Power Dissipation ( $P_D$ )	78 78	mW
Reverse Voltage ( $V_R$ )	5 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  $\pm 0.25(0.01")$  Unless Otherwise Noted.
3. Specifications Are Subject To Change Without Notice.



