



SELECTOR GUIDE

Part Number	Dice	Lens Color / Type	Pack Size	View Angle 2θ 1/2
MT4093-Y(2mA)-A	Yellow	Yellow Diffused	3mm Round 40° - 120°	40°

ELECTRICAL / OPTICAL CHARACTERISTICS AT T_A=25°C

Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	V _F	Yellow	-	1.85	2.5	V	2mA
Reverse Current	I _R	Yellow	-	-	10	μA	5V
Luminous Intensity	I _V	Yellow	.7	1.5	-	mcd	2mA
Peak Wavelength	λ _{peak}	Yellow	-	590	-	nm	2mA
Dominant Wavelength	λ _D	Yellow	-	588	-	nm	2mA
Spectral Line Half-Width	Δλ 1/2	Yellow	-	35	-	nm	2mA

ABSOLUTE MAXIMUM RATINGS AT T_A=25°C

Parameter	Rating	Units
Forward Current (I _F)	30	mA
Power Dissipation (P _D)	105	mW
Reverse Voltage (V _R)	5	V
Operating Temperature (T _{OPR})	-40 ~ +85	°C
Storage Temperature (T _{STG})	-40 ~ +85	°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.



