


SELECTOR GUIDE

Part Number	Dice	Lens Color / Type	Pack Size	View Angle 2 θ 1/2
MT2318-UG-A	True Green	Water Clear	5mm Round 30° - 36°	30 °

ELECTRICAL / OPTICAL CHARACTERISTICS AT T_A=25°C

Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	V _F	True Green	-	3.20	4.00	V	20mA
Reverse Current	I _R	True Green	-	-	50	μA	5V
Luminous Intensity	I _v	True Green	3500	6500	-	mcd	20mA
Peak Wavelength	λ _{peak}	True Green	-	520	-	nm	20mA
Dominant Wavelength	λ _D	True Green	-	525	-	nm	20mA
Spectral Line Half-Width	Δλ _{1/2}	True Green	-	35	-	nm	20mA

ABSOLUTE MAXIMUM RATINGS AT T_A=25°C

Parameter	Rating	Units
Forward Current (I _F)	25	mA
Power Dissipation (P _D)	100	mW
Reverse Voltage (V _R)	5	V
Operating Temperature (T _{OPR})	-40 ~ +95	°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.

