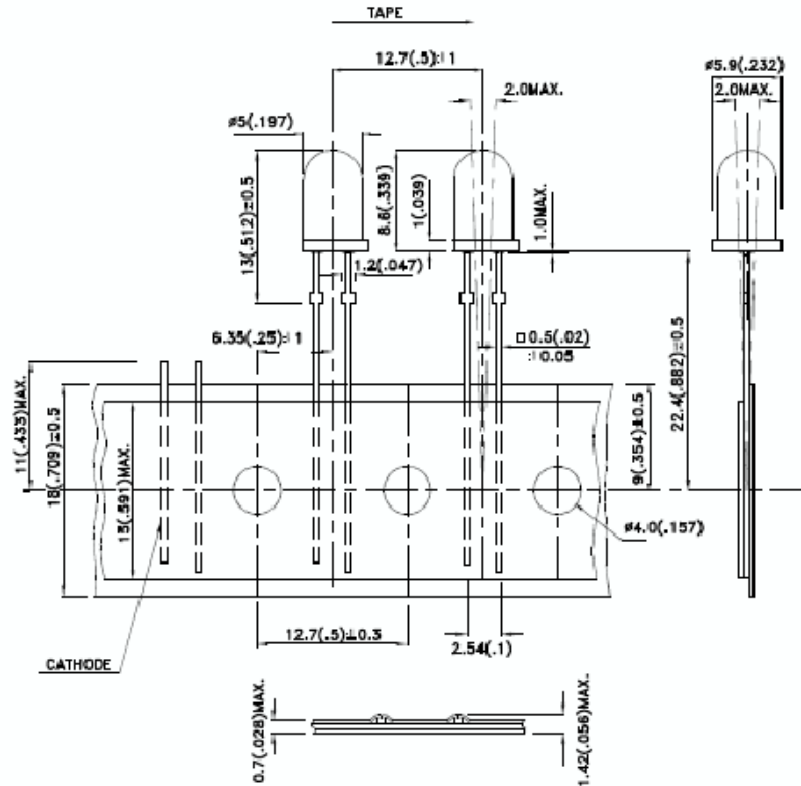




# MT315B-UGTR (Water Clear) - ULTRA BRIGHT LEDs



SELECTOR GUIDE				
Part Number	Dice	Lens Color / Type	Pack Size	View Angle 2 $\theta$ 1/2
MT315B-UGTR	Green	Water Clear	5mm Round 20° - 25°	20°

ELECTRICAL / OPTICAL CHARACTERISTICS AT T <sub>A</sub> =25°C							
Parameter	Symbol	Device	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	V <sub>F</sub>	Green	-	2.2	2.5	V	IF=20mA
Reverse Current	I <sub>R</sub>	Green	-	-	10	μA	VR=5V
Luminous Intensity	I <sub>V</sub>	Green	70	200	-	mcd	IF=20mA
Peak Wavelength	λ <sub>peak</sub>	Green	-	565	-	nm	-
Dominant Wavelength	λ <sub>D</sub>	Green	-	568	-	nm	-
Spectral Line Half-Width	Δλ 1/2	Green	-	30	-	nm	-

ABSOLUTE MAXIMUM RATINGS AT T <sub>A</sub> =25°C		
Parameter	Rating	Units
Forward Current ( I <sub>F</sub> )	25	mA
Power Dissipation ( P <sub>D</sub> )	62.5	mW
Reverse Voltage ( V <sub>R</sub> )	5	V
Operating Temperature ( T <sub>OPR</sub> )	-40 ~ +85	°C
Storage Temperature ( T <sub>STG</sub> )	-	°C
Lead Solder Temperature ( T <sub>SOL</sub> )	260 °C @ for 3 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.