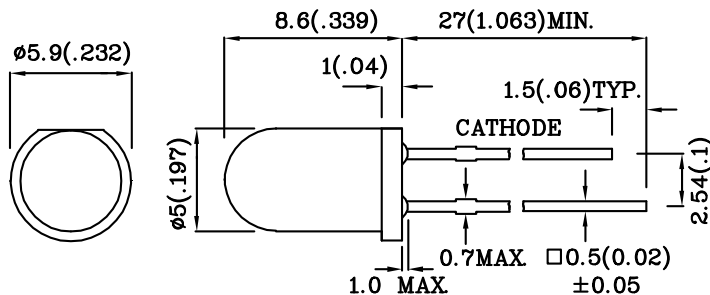


- LOW POWER CONSUMPTION.
- POPULAR T-1 3/4 DIAMETER PACKAGE.
- GENERAL PURPOSE LEADS.
- RELIABLE AND RUGGED.
- LONG LIFE - SOLID STATE RELIABILITY.
- AVAILABLE ON TAPE AND REEL.



1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.

Absolute maximum ratings (TA=25°C)		CW-D (GaN)	Unit
Reverse voltage	VR	5	V
Forward current	IF	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	150	mA
Power dissipation	PT	105 m	W
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (T _A =25°C)		CW-D (GaN)	Unit
Forward voltage (typ.) (I _F =20mA)	V _F	3.5 V	
Forward voltage (max.) (I _F =20mA)	V _F	4.0 V	
Reverse current (V _R =5V)	I _R	10	uA
Chromaticity Coordinates (typ.)	X	0.33	
	Y	0.34	
Capacitance (V _F =0V, f=1MHz)	C	100 p	F

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd	Viewing Angle 2 θ 1/2
				min.	typ.
XLCW12WD Wh	ite	GaN	Water Clear	2200	3195
Published Date : SEP 11,2003		Drawing No :XDSA2065	V3	Checked : B.L.LIU	P.1/2

❖ CW-D

