

L-100XXC-TR

3X2mm CHIP LED

Tape & Reel

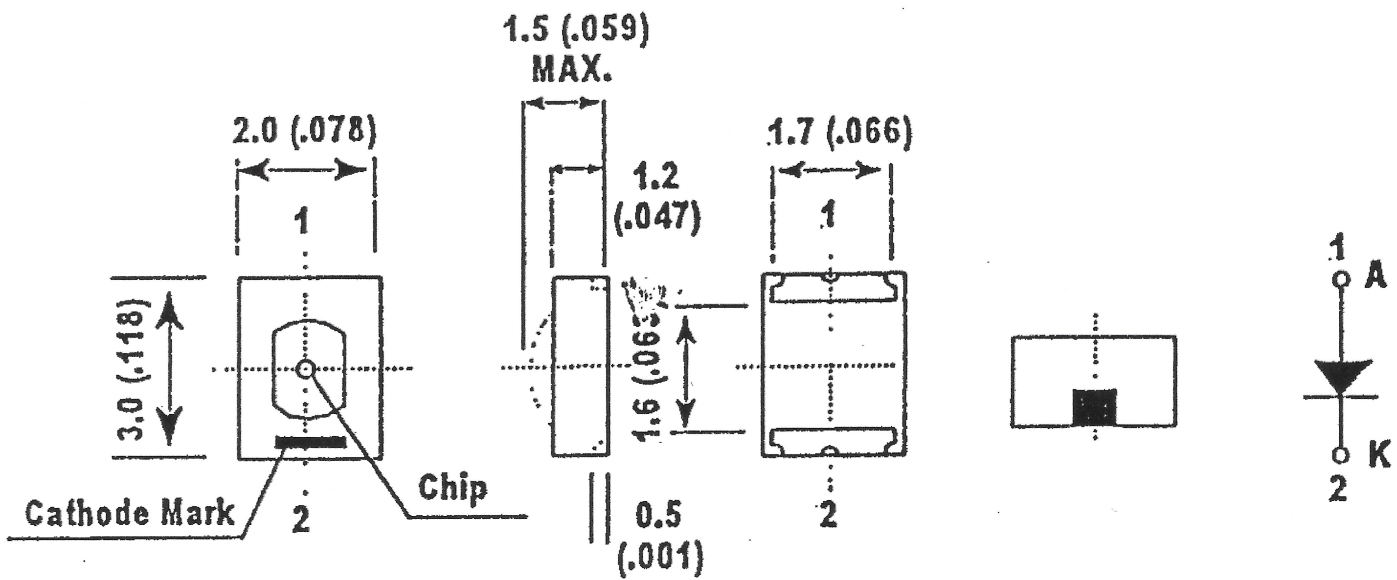
MAIN FEATURES:

- ④ LOW CURRENT FREQUIREMENT
- ④ WIDE VIEWING AGNLE
- ④ LOW POWER CONSUMPTION
- ④ I.C. COMPATIBLE

③ PACKAGE DIMENSIONS

Notes:

1. All Dimensions are millimeters.
2. Tolerance is $\pm 0.25\text{mm}$ (0.010") unless otherwise specified.
3. Specifications are subject to change without notice.



SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25deg.C AMBIENT)

Part No.	Chip		Lens Color	Wave Length λ_p (nm)	Absolute Maximum Ratings				Electro-Optical Characteristics						
	Raw Material	Emitted Color			Half With nm	Pd mW	If mA	If (Peak)	Vf (V)			If (Rec)	Iv (mcd)		
									Min.	Typ.	Max.		Min.	Typ.	Max.
L-100UWC-TR	GaN	White	Water Clear	**	**	100	25	80	3.6	4.0	20	320			
L-100UPGC-TR	GaN	Green	Water Clear	525	40	100	25	80	3.5	4.0	20	400			
L-100UBC-TR	GaN	Blue	Water Clear	470	30	100	25	80	3.6	4.0	20	90			

ABSOLUTE MAXIMUM RATING: (Ta=25deg.C)

Reverse Voltage	: 5 Volt
Reverse Current (Vr=5V)	: 10 μ A
Operating Temperature Range	: -20 ~ +80deg.C
Storage Temperature Range	: -30 ~ +100deg.C
Lead Soldering Temperature (1.6mm(1/16inch) from body)	: 260deg.C for 5 Seconds.

ABSOLUTE MAXIMUM RATING: (Ta=25deg.C)

Para meter Description	Symbol	Unit
Spectral Line half-width	$\Delta \lambda$	nm
Power dlissipation	Pd	mW
Peak Forward Current (Duty 1/10, @KHz)	If (Peak)	mA
Recommended Operation Current	If (Rec)	mA
Average Luminuous intensity (If=10mA)	Iv	mcd