

Part number :**DB-10R3WGC**Dimensions : $\Phi 10\text{mm}$ Colors :**BLUE**Epoxy color : **WATER CLEAR**

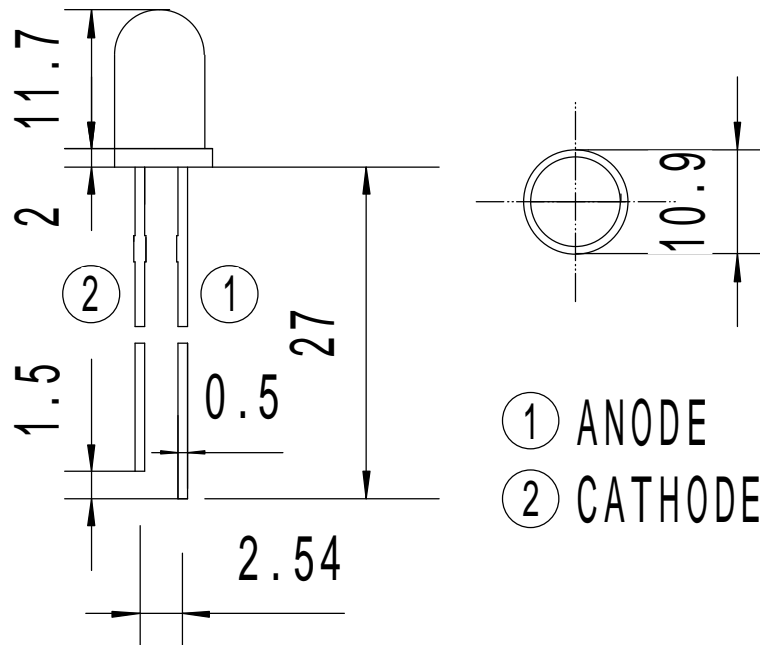
Dice Matrial: InGaN

n ABSOLUTE MAXIMUM RATING ($T_a=25^{\circ}\text{C}$)

Description	Symbol	Value	Unit
Forward Current	IF	30	mA
Reverse Voltage	VR	5	V
Pulse Forward current*1	IFP	100	mA
Operating Temp.	Topr	-20 ~ +85	$^{\circ}\text{C}$
Storage Temp.	Tstg	-25 ~ +100	$^{\circ}\text{C}$
Soldering Temp*2	Tsol	+260	$^{\circ}\text{C}$

n ELECTRO-OPTICAL CHARACTERISITICS ($T_a=25^{\circ}\text{C}$)

Description	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	IF	If=20mA	3.0		3.6	V
Reverse Current	IR	Vr=5V			10	μA
Peak wave length	λ_p	If=20mA	465		475	nm
Viewing Angle 2θ 1/2	$\Delta\theta$			18		deg
Luminous Intensity	IV	If=20mA	6000		9000	mcd

■ PACKAGE DIMENSIONS

Note:

1. The data in the specification is measured with SCE's test instrument.
2. All dimensions are in millimeters; Lead spacing is measured where the leads emerge from the package.; Protruded resin under flange 1.5mm Max.
3. *1:IFP Conditions--Pulse Width $\leq 10\text{msec}$ and Duty $\leq 1/10$.
4. *2:Soldering time $\leq 5\text{seconds}$.

CHECK BY:

MANAGER BY:

APPROVAL BY: