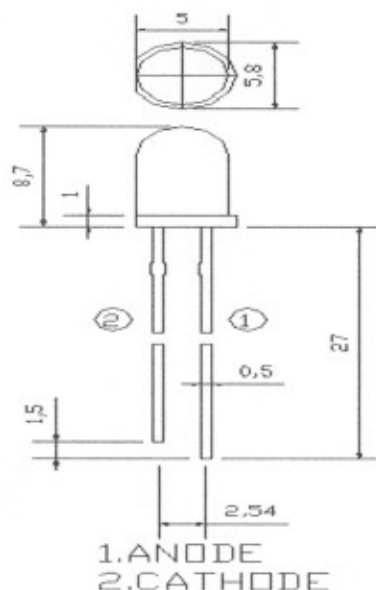


Part number : **DB-05R1WGC**Dimensions : **Φ5mm**Colors : **BLUE**Epoxy color : **WATER CLEAR**Dice Matrial: **InGaN**■ **ABSOLUTE MAXIMUM RATING** (Ta=25°C)

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	°C
Storage Temp.	Tstg	-25 ~ +100	°C
Soldering Temp*2	Tsol	+260	°C

■ **ELECTRO-OPTICAL CHARACTERISITICS** (Ta=25°C)

Description	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	IF	If=20mA	3.0	3.2	3.5	V
Reverse Current	IR	Vr=5V			10	μA
Peak wave length	λ _p	If=20mA	466		471	nm
Half width length	Δλ			30		nm
Viewing Angle 2θ 1/2	Δθ			18		deg
Luminous Intensity	IV	If=20mA	7000		10000	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 ≤ 10msec and Duty ≤ 1/10.
4. *2:Soldering time ≤ 5seconds.

CHECK BY:

MANAGER BY:

APPROVAL BY: