

Part number :**DR-08R3WGC**Dimensions : $\Phi 8\text{mm}$ Colors :**RED**Epoxy color : **WATER CLEAR**

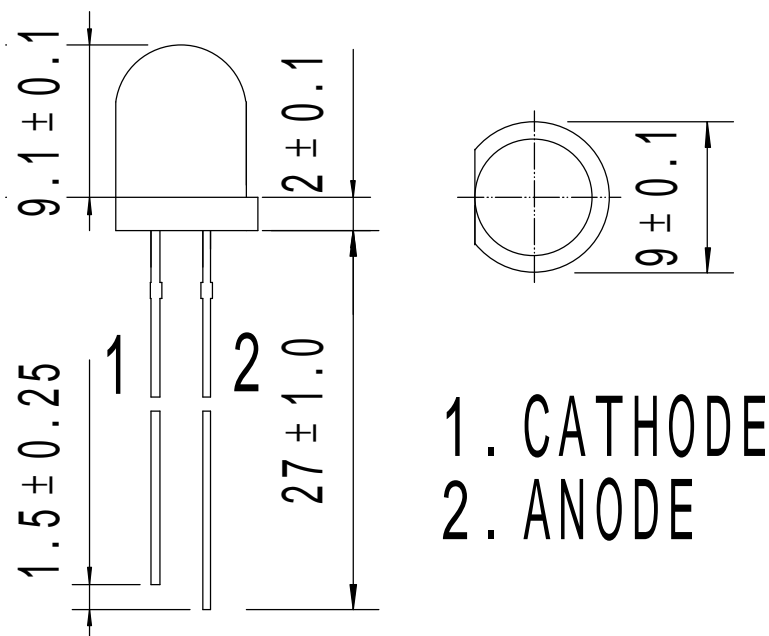
Dice Matrial: AlInGaP

n 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

n ELECTRO-OPTICAL CHARACTERISITICS (Ta=25°C)

Description	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	IF	If=20mA	1.75	1.96	2.45	V
Reverse Current	IR	Vr=5V			10	μA
Peak wave length	λ_p	If=20mA	620		630	nm
Viewing Angle 2 θ 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:Solding time $\leq 5\text{seconds}$.

CHECK BY:

MANAGER BY:

APPROVAL BY: