Part number: DR-10R3WGC

Dimensions: Φ10mm

Colors: RED

Epoxy color: WATER CLEAR

Dice Matrial: AlInGaP

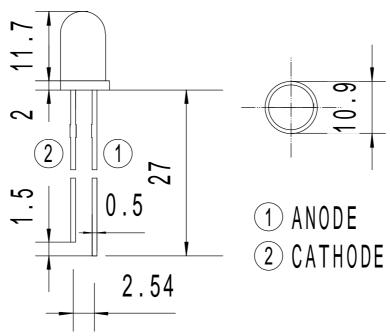
n ABSOLUTE MAXIMUM RATING (Ta=25°C)

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

n <u>ELECTRO-OPTIC</u>AL CHARACTERISITICS (Ta=25°C)

Description	Symbol	Conditions	Min	Тур	Max	Unit
Forward Voltage	IF	If=20mA	1.75	1.96	2.45	V
Reverse Current	IR	Vr=5V			10	μ A
Peak wave length	λр	If=20mA	620		630	nm
Viewing Angle 2 θ 1/2	Δθ			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--PulseWidth \leq 10msec and Duty \leq 1/10.
- 4. *2:Solding time ≤ 5 seconds.

CHECK BY:

MANAGER BY:

APPROVAL BY: