

SCE COMPANY LTD

Device Number: 189-DH5-09/H

Part number : **DW-05R1WHC**

Dimensions : $\Phi 5\text{mm}$

Colors : **WHITE**

Epoxy color : **WATER CLEAR**

Dice Matrial: **InGaN**

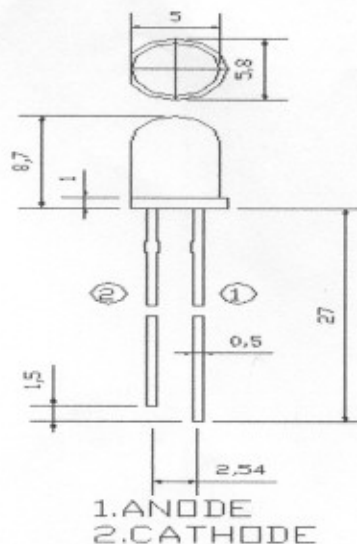
■ ABSOLUTE MAXIMUM RATING ($T_a=25^\circ\text{C}$)

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	$^\circ\text{C}$

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

Description	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	IF	If=20mA	3.0	3.3	3.5	V
Reverse Current	IR	Vr=5V			10	μA
Peak wave length	λ_p	If=20mA				nm
Chromaticity	x	If=20mA		0.29		
Coordinates	y			0.30		
Viewing Angle $2\theta_{1/2}$	$\Delta\theta$			18		deg
Luminous Intensity	IV	If=20mA	12000			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: