

版本：1.0

客戶名： _____

規格書

產品型號 _____ 方形白-紅光

規格書號碼 _____ YG-GC-26

確認

鈺光科技股份有限公司

E-light Technology inc.

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鈺光科技股份有限公司

E-light Technology inc.

產品型號	方形白-紅光	制訂單位	工程部	編制	楊波
規格書號碼	YG-LED-26	制訂時間	2007.06.04	審核	

Reliability Test :

NO	Test Item	Test Conditions	Time	Results (Failure/ Sample Size)
1.	Thermal Cycle Test (168 cycle)	H : +75°C 30min ~ L : -35°C 30min	168Hrs	0/20
2	Thermal Shock Test (84 cycle, Rate=5min)	-40 °C(Holding 120 min) --> 85°C(Holding 120 min)	168Hrs	0/20
3	High Temp. Storage Test	85°C	168Hrs	0/20
4.	Low Temp. Storage Test	-25°C	168Hrs	0/20
5	High Temp. High Humidity Test	80oC, 85% RH,	168Hrs	0/20
6	Press Cook Test	T=121°C, P=2atm, H=100%RH	168Hrs	0/20
7	Operating Life Test	If=20mA, 25°C	500Hrs	0/20
8	Soldering Heat Test	260+/-10°C, 10 sec	2 Times	20

產品型號	方形白-紅光	制訂單位	工程部	編制	楊波
規格書號碼	YG-GC-26	制訂時間	2007.08.22	審核	

● COMMODITY: 2.5*7*7.5

● ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

Chip		Absolute Maximum Rating			Electro-optical Data(At 20mA)			Viewing Angle	Leakage current
Emitted Color	Peak Wave Length λ_p (nm)	$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Vf(V)	Iv Typ(mcd)		2 θ 1/2 (deg)	-5V (IR) (μ A)
						Min	Max		
Super Red	640~650	10	75	30	1.7~2.0	40	80	35 \pm 3	5

Remark : Viewing angle is the Off-axis angle at which the luminous intensity is half the axial luminous intensity.

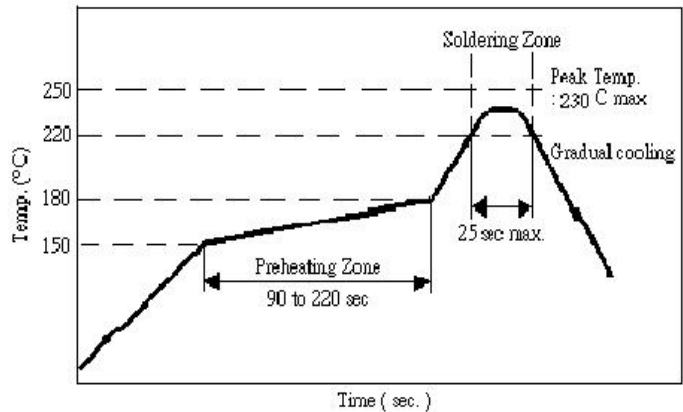
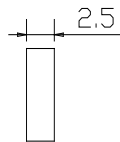
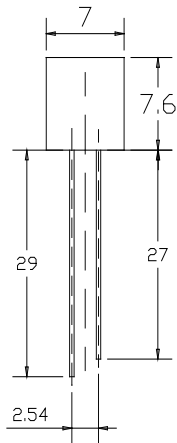
● PACKAGE DIMENSIONS

Type :

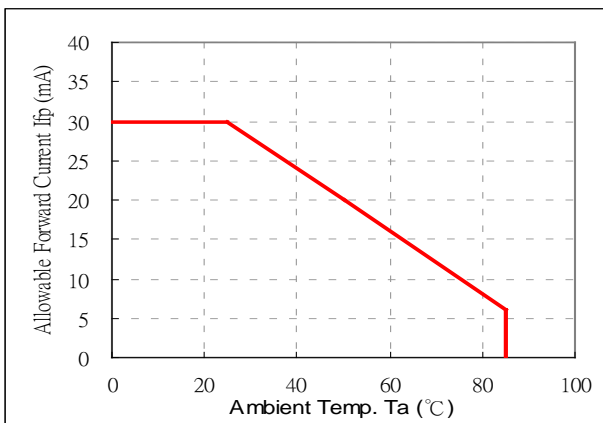
Unit : mm

Tolerance : +/- 0.1

Recommended Soldering Temperature - Time Profile



Allowable Forward Current vs. Ambient Temperature.



Relative luminous intensity vs. forward current

