

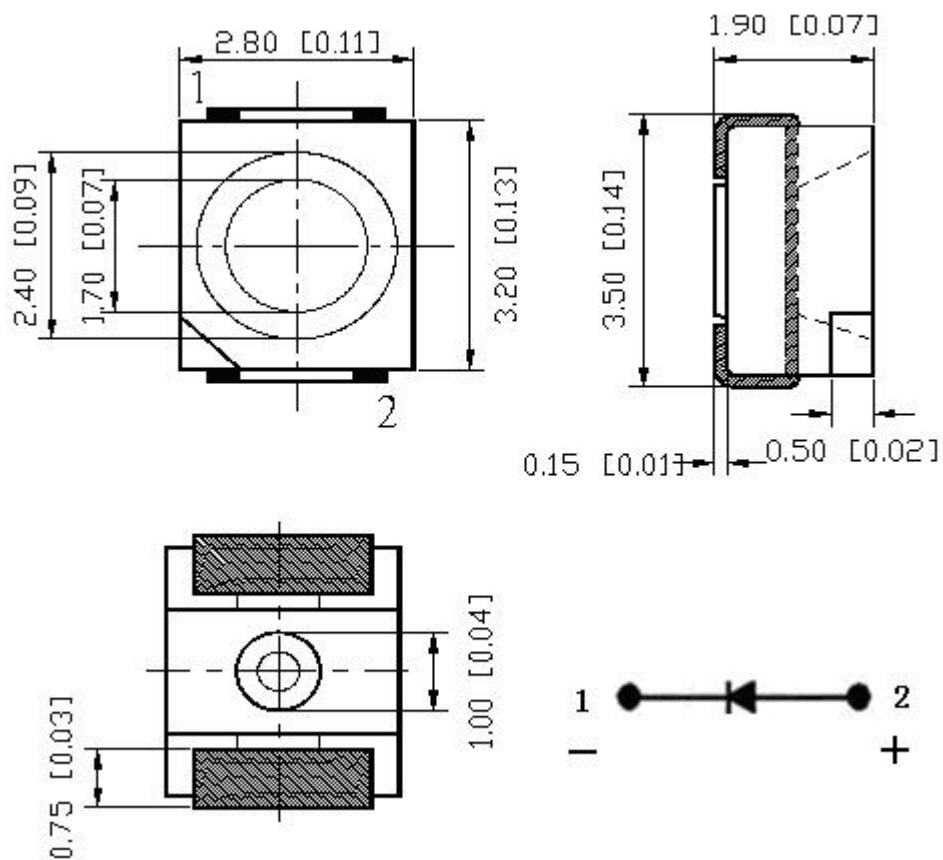
1、Features:

- Emitting Color: Red
- Lens Type: Water Clear
- Device Outline: 3.5×2.8×1.9 (unit:mm)
- RoHS compliant

2、Applications:

- Backlight for Mobile, Machine Vision, LCD Display
- Backlight in Dashboard and switch of Automotive

3、Outline Dimensions:



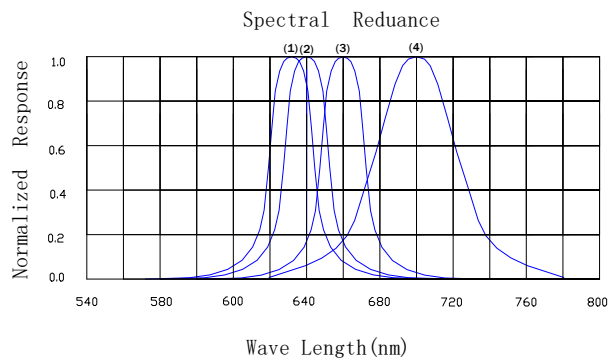
4、Absolute maximum ratings (Ta = 25℃):

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
Power Dissipation	Pd	—	—	60	mW
Reverse Voltage	VR	IR = 30 μ A	5	—	V
Pulse Current	IFp	Duty=0.1, 1kHz	—	100	mA
Forward Current	IFm	—	—	25	mA
Operating Temperature	Topr	—	-40	+85	℃
Storage Temperature	Tstr	—	-40	+85	℃

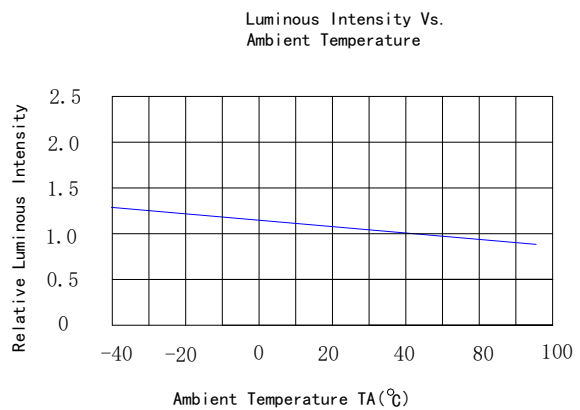
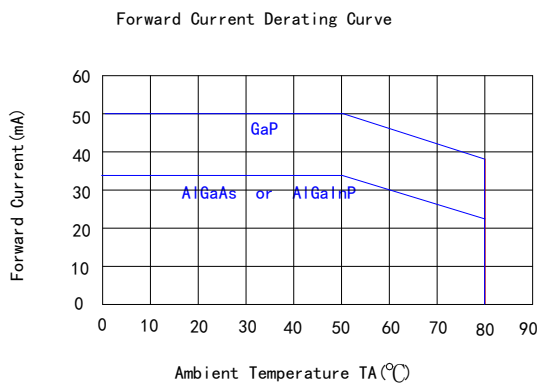
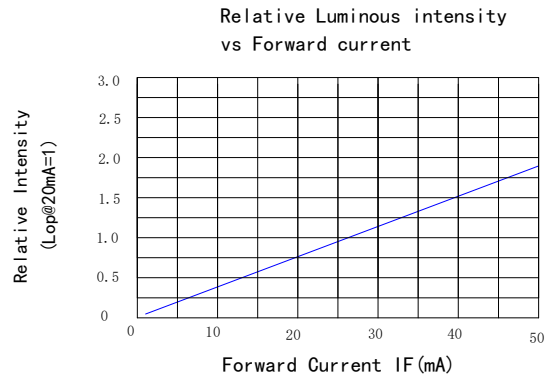
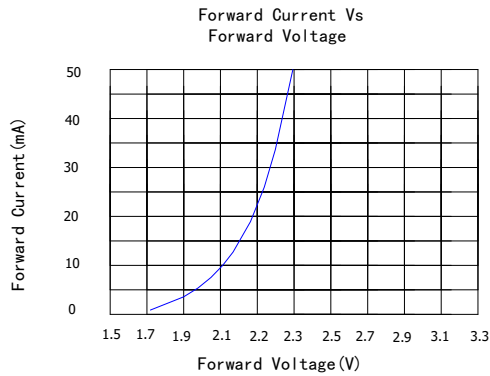
5、Electrical and optical characteristics (Ta = 25℃):

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 20mA	1.8	2.0	2.4	V
Reverse Current	IR	VR = 5V	—	—	30	μ A
Wave Length	Tc	IF = 20mA	—	625	—	nm
Luminous Intensity	Iv	IF = 20mA	500	650	800	mcd
Viewing Angle	2 θ 1/2	IF = 20mA	—	120	—	Deg.

6. Typical electrical/optical characteristic curves:



- (1) AlGaInP peak@630/Red
- (2) GaAsP/GaP peak@640nm /Red
- (3) AlGaAs/GaAs peak@660nm/Super Red
- (4) GaP peak@700nm/ Red



7.Specification of Packing

8.1 Taping and Orientation

Quantity: 2000 units/reel

