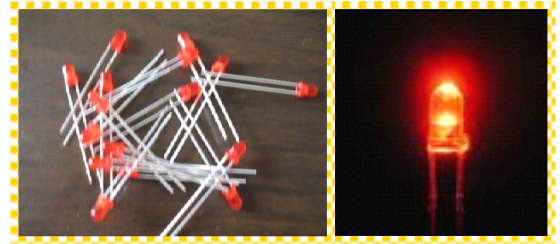


**Part No.:FLOR-3404L-C**

**► Features:**

- Standard Ø3mm **RED** lamp LED
- **Red diffused** epoxy lens
- High reliability and long life
- Environmental friendly, RoHs compliant
- Mainly be used as signal lamp



**► Maximum ratings(T<sub>a</sub> =25°C)**

Characteristic	Symbol	Condition	Rating		Units
			Min.	Max.	
Reverse voltage	V <sub>R</sub>	I <sub>R</sub> = 10µA	7	—	V
DC forward current	I <sub>F</sub>	—	—	30	mA
Power dissipation	P <sub>D</sub>	—	—	78	mW
Pulse forward current	I <sub>FP</sub>	0.1 duty cycle, 0.1ms pulse width	—	100	mA
Operating temperature	T <sub>OPR</sub>	—	-30	+85	°C
Storage temperature	T <sub>STG</sub>	—	-40	+100	°C
Lead soldering temperature	T <sub>SLD</sub>	3mm (.118") from body	265°C for 5 Seconds		

**► Electro & optical characteristics (T<sub>a</sub> = 25°C)**

Item	Symbol	Test Condition	Value			Unit
			Min.	Type	Max.	
Forward voltage	V <sub>F</sub>	I <sub>F</sub> = 20mA	1.8	2.0	2.6	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 7V	—	—	10	µA
Dominate wavelength	λ <sub>D</sub>	I <sub>F</sub> = 20mA	620	626	635	nm
Peak emission wavelength	λ <sub>P</sub>	I <sub>F</sub> = 20mA	—	—	645	nm
Spectral line half-width	Δλ	I <sub>F</sub> = 20mA	—	20	—	nm
Viewing angle	2θ <sup>1/2</sup>	I <sub>F</sub> = 20mA	30	38	45	Deg.
Luminous intensity	I <sub>V</sub>	I <sub>F</sub> = 20mA	40	60	—	mcd

**Note:** 1. 2θ<sup>1/2</sup> is the off-axis angle at which the luminous intensity is half the axial luminous intensity.  
 2. Measurement allowance: V<sub>F</sub> is ±0.05V, I<sub>V</sub> is ±10%, λ<sub>d</sub> is ±1nm

**► Outline&Packing&Cautions**

**Remark:**

- All dimensions are millimeters (inches)
- Tolerance is ±0.1 unless otherwise stated.

**Packing:**

- Packing method: plastic bag
- 1000pcs/bag or 500pcs/bag
- Net weight:0.16kg/K

**Cautions:**

- Bare iron is exposed at tie-bar portion after cutting. The lamps have sharp and hard points that may injure human eyes or fingers etc., so please pay enough care in the handing.