

Part No.:FLPI-5203L-C

► **Features:**

- Standard Ø5mm super bright **PINK** lamp LED
- **Milky diffused** epoxy lens
- High intensity, reliability and long life
- Environmental friendly, RoHs compliant
- Mainly used in lighting area or as signal lamp



► **Maximum ratings(T_a =25°C)**

Characteristic	Symbol	Condition	Rating		Units
			Min.	Max.	
Reverse voltage	V _R	I _R = 10µA	7	—	V
DC forward current	I _F	—	—	30	mA
Power dissipation	P _D	—	—	108	mW
Pulse forward current	I _{FP}	0.1 duty cycle, 0.1ms pulse width	—	100	mA
Operating temperature	T _{OPR}	—	-30	+85	°C
Storage temperature	T _{STG}	—	-40	+100	°C
Lead soldering temperature	T _{SLD}	3mm (.118") from body	265°C for 5 Seconds		

► **Electro & optical characteristics (T_a = 25°C)**

Item	Symbol	Test Condition	Value			Unit
			Min.	Type	Max.	
Forward voltage	V _F	I _F = 20mA	2.8	3.2	3.6	V
Reverse current	I _R	V _R = 7V	—	—	10	µA
Chromaticity coordinate	X	I _F = 20mA	0.32	—	0.42	—
	Y		0.12	—	0.26	
Viewing angle	2θ ^{1/2}	I _F = 20mA	25	30	35	Deg.
Luminous intensity	I _V	I _F = 20mA	300	500	—	mcd

Note: 1. 2θ^{1/2} is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
 2. Measurement allowance: V_F is ±0.05V, I_V is ±10%, X/Y is ±0.02

► **Outline&Packing &Cautions**

Remark:

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

Packing:

- Packing method: antistatic plastic bag
- 500pcs/bag
- Net weight:0.30kg/K

Cautions:

- Warning:Care must be taken when viewing the product at closed range as the light may be intense enough to cause damage to eye.
- Note:Industry standard procedures regarding static must be observed when handing the product.