

## Samples acknowledgment

Specifications: F5- Long-legged common cathode mist full

color Specification: 5mmRGB Common cathode mist No:

\_\_\_\_\_

Identified and sealed ApptCovalSignntutes		
Approval	Quality control	engineering

Admits Unit: customer \_\_\_\_\_

feedback: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Identified and sealed ApptCovalSignntutes			
Approval	Quality control	engineering	purchase

---

■ ,product name: F5- Foot long full-color common cathode mist

■ And specifications: 5mmRGB Common cathode mist

■ ,feature:

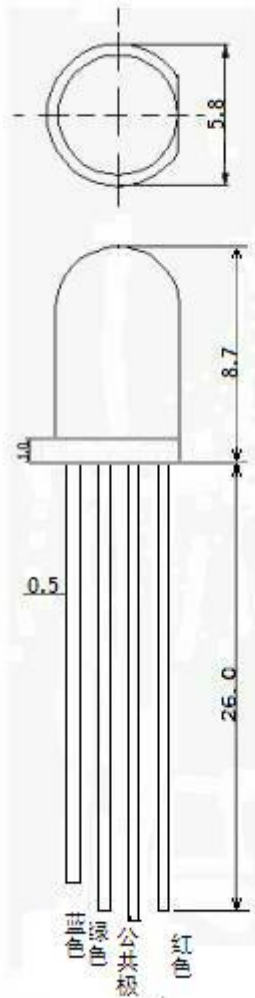
- High luminous intensity, low power consumption

- High reliability, long life

- Selective and more

- In line with the EU announced RoHS instruction.

■ ,Dimensions



- Precautions:
- 1 All dimension are in millimeters ( mm ).
  - 2 Product dimensional tolerance  $\pm 0.25\text{mm}$ , Except for positive and negative tolerances have marked.
  - 3 , Highlighting the largest resin 1.0mm .
  - 4 , Specifications are subject to change with or without notice.

Product number	chip		Package
		The luminescent color	
<u>5mmRGB Common cathode mist</u>		RGB full color	Colorless mist

■ , Red parameters:

● Red limit parameter TA = 25 °C						
parameter name		symbol	parameter			unit
Forward Current		IF	25			mA
Forward pulse current		IFp	100			mA
Reverse Voltage		VR	5			V
Power		Pd	65			mW
Static electricity		ESD	1000			V
range of working temperature		Top	- 40 °C to + 80 °C			°C
Storage Temperature Range		Tstg	- 40 °C to + 80 °C			°C
Solder temperature [less colloid 1.6mm (.63 ")]		260 °C / 3 seconds				
* Pulse ≤ 0.1msec						
■ Optical parameters TA = 25 °C						
parameter name	Symbol	Conditions	Min	Max	Units intermediate	
Voltage	V F	IF = 20mA	2.0	-----	2.4	V
Reverse current	IR	V R = 5V	---	---	10	μ A
angle	2 θ 1/2	IF = 20mA		60		Deg
brightness	IV	IF = 20mA	600	---	800	mcd
Dominant wavelength	λD	IF = 20mA	620	---	625	nm

■ : Green parameters:

●    Limit Parameters TA = 25 °C						
parameter name		symbol	parameter			unit
Forward Current		IF	25			mA
Forward pulse current		IFp	100			mA
Reverse Voltage		VR	5			V
Power		Pd	60			mW
Static electricity		ESD	1000			V
range of working temperature		Top	- 40 °C to + 80 °C			°C
Storage Temperature Range		Tstg	- 40 °C to + 80 °C			°C
Solder temperature [less colloid 1.6mm (.63 ")]		260 °C / 3 seconds				
* Pulse ≤ 0.1msec						
■    Optical parameters TA = 25 °C						
parameter name	symbol	Conditions	Min	Max	Units intermediate	
Voltage	V F	IF = 20mA	2.8	-----	3.2	V
Reverse current	IR	V R = 5V	---	---	10	μ A
angle	2 θ 1/2	IF = 20mA		60		Deg
brightness	IV	IF = 20mA	900	---	1100 mcd	
Dominant wavelength	λD	IF = 20mA	515	---	520	nm

■ : Blu-ray parameters:

■ Limit Parameters TA = 25 °C						
parameter name	symbol	parameter				unit
Forward Current	IF	25				mA
Forward pulse current	IFp	100				mA
Reverse Voltage	VR	5				V
Power	Pd	80				mW
Static electricity	ESD	1000				V
range of working temperature	Top	- 40 °C to + 80 °C				°C
Storage Temperature Range	Tstg	- 40 °C to + 80 °C				°C
Solder temperature [less colloid 1.6mm (.63 ")]	260 °C / 3 seconds					
* Pulse ≤ 0.1msec						
■ Optical parameters TA = 25 °C						
parameter name	Symbol	Conditions	Least value	intermediate value	maximum value	unit
Voltage	V F	IF = 20mA	2.8	-----	3.2	V
Reverse current	IR	V R = 5V	---	---	10	μ A
angle	2 θ 1/2	IF = 20mA	---	60	--- Deg	
brightness	IV	IF = 20mA 400		--- 600	mcd	
Dominant wavelength	λD	IF = 20mA 460		----465		nm

---