

LED (5730) RED

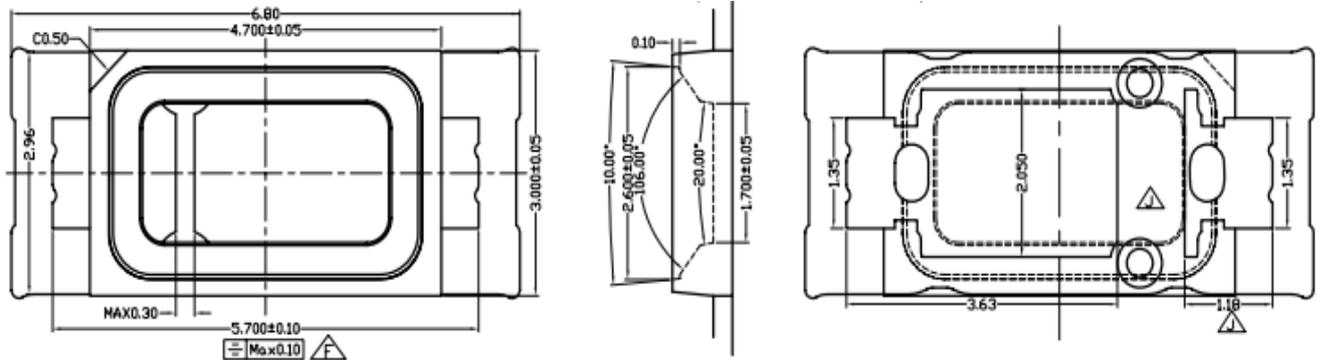


Product Details

Type: SMD LED
Chip Material: InGaN
Emitting Color: Red
Luminous Flux(lm): 10-15
Power: 0.5W
Viewing Angle(°): 120
Operating Temperature(°C): -40 - 80
Storage Temperature(°C): -40 - 80
Place of Origin: China (Mainland)
Voltage: 2.0V-2.4V
Forward Current: 160mA
Peak Forward Current: 200mA
Reverse Voltage: 5V

Product Description

Features:	Applications:
√ Low Current Drive.	Indoor and outdoor commercial lighting Architectural Lighting General lighting Traffic Light Automotive lights, headlights Mood Lighting, LED module More.....
√ Low Power Consumption.	
√ High Temperature Resistance Epoxy Resin.	
√ Famous Brand Chip.	
√ 99.9% Pure Gold Thread.	
√ Long Service Life.	



Electrical/Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Units	Test Conditions
Forward Voltage	V _F	2.0	2.2	2.4	V	I _F =150mA
Luminous Flux	Φ _v	10		15	LM	I _F =150mA
Dominant Wave Length	λ _d	620	---	630	nm	I _F =150mA
Reverse Current	I _R	--	--	10	uA	V _R =5V
Viewing Angle	2θ _{1/2}		120°		deg	I _F =150mA

Absolute Maximum Ratings at TA=25°C

Parameter	Symbo	Maximum Rating	Units
Aerage Forward Current	I _F	160	mA
Peak Forward Current	I _{pF} (Peak)	200	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{opr}	-40°C To +80°C	
Storage Temperature	T _{stg}	-40°C To +80°C	
Lead Solder Temperature(2)	T _{sol}	260°C for 3 seconds	

Note:

- (1) Mtal Core PCB is mounted on the heat Fins.
- (2) Forward voltage is measured with an accuracy of ±0.1V.