

深圳市光宝鸿科技有限公司

SHENZHEN GUANGBAOHONG TECHNOLOGY CO., LTD.

产品规格书

SPECIFICATION

产品名称 name NO: 5mm 圆头慢闪短脚

产品型号 Model NO:

文件编号 Document NO:

版 次 REV NO: V1.0

描述 Description:

插件发光二极管 5mm 圆头慢闪短脚

胶体颜色 Colloid Color: 白色 White

发光颜色 Emission Color: RGB

半功率角度 Viewing Angle :30°

深圳市光宝鸿科技有限公司 SHENZHEN GUANGBAOHONG TECHNOLOGY Co.,Ltd			
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客户确认 CUSTOMER CONFIRMATION			
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Reverse current : 100 μ A

Peak current (duty=0.1,1KHz) : 100 mA

Operating/Storage temperature range : -30 $^{\circ}$ C~+85 $^{\circ}$ C

Derating linear from 25 $^{\circ}$ C : 0.4 mA/ $^{\circ}$ C

Lead soldering temperature range : 260 $^{\circ}$ C for 5 second

Electro-optical characteristics (TA=25 $^{\circ}$ C)

RED COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F		2.00	2.25	V	IF 20 mA
Luminous intensity	I_V		800		mcd	IF = 20 mA
Peak emission wavelength	p		620	630	nm	
Half intensity angle			170		deg	

GREEN COLOR :



Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F		3.2	3.5	V	IF 20 mA
Luminous intensity	$I_{V_{\lambda}}$		2000		mcd	IF = 20 mA
Peak emission wavelength	p		510	525	nm	
Half intensity angle			170		deg	

BLUE COLOR :



Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F		3.2	3.5	V	IF 20 mA
Luminous intensity	$I_{V_{\lambda}}$		1300		mcd	IF = 20 mA
Peak emission wavelength	p		465	475	nm	
Half intensity angle	λ		170		deg	

Direct Current Characteristics



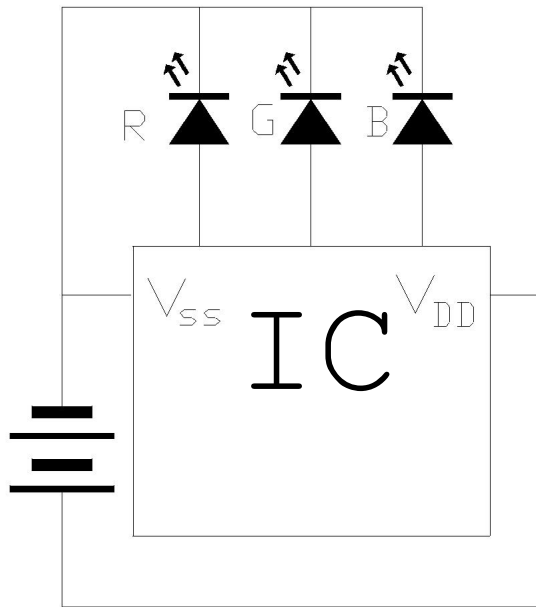
Parameter	Symbol	Min	Typ.	Max	Unit	Remarks
Operating voltage	V_{DD}	2.0	4.5	5.5	V	
Driver Current	I_{ol}		40		mA	@ $V_{DS}^*=1.2V$
Power Consumption	P_o		180		mW	$V_{DD}=4.5V$
Flash Frequency	F_{tet}		0.2		Hz	External 30%

*All specs and applications shown above subject to change without prior notice.

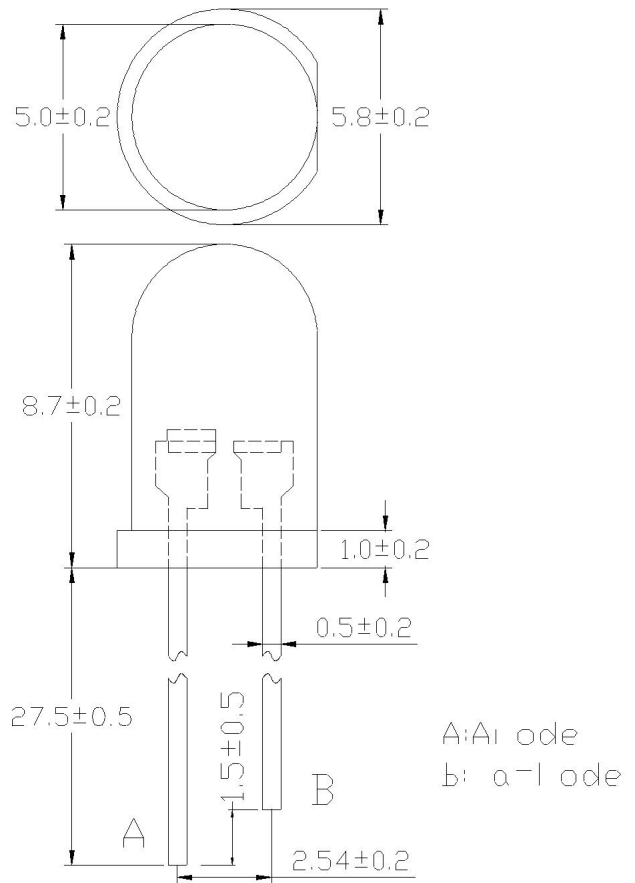
LED ELECTRONICS CORP.

Application diagram or Dimensions

ApplicationDiagram

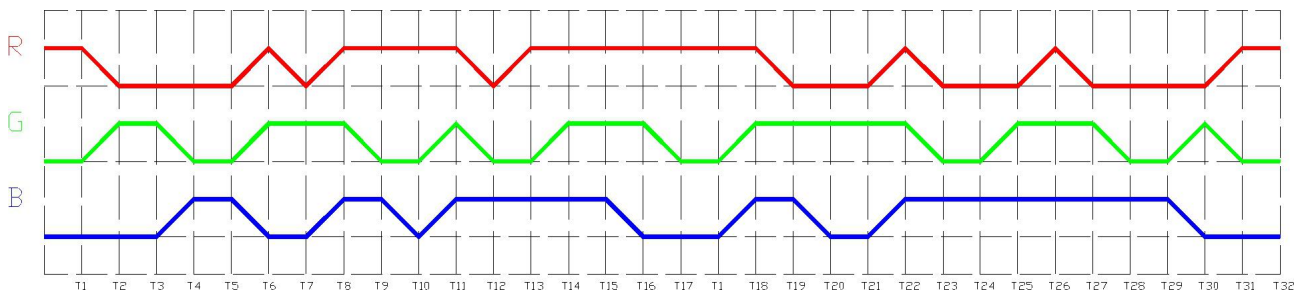


Dimensions



Flash Picture

UNNiotte.mm



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(以上 路及 格 供参考, 本公司可 行修正)