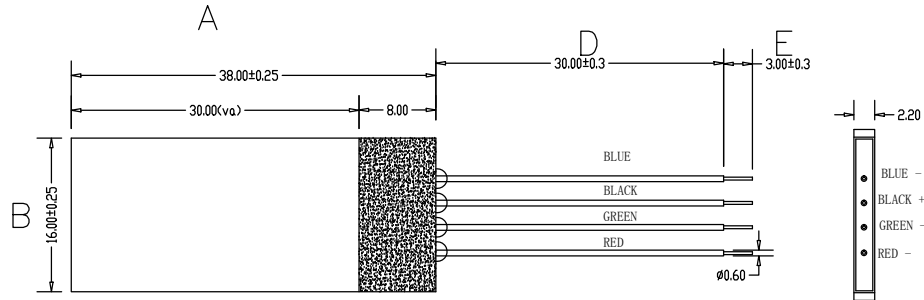
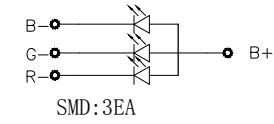


1.Package dimension:

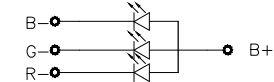


2. Internal circuit diagram:



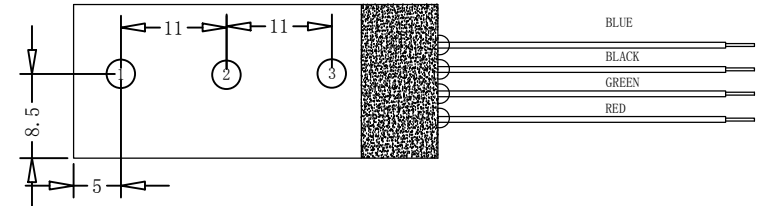
3. Measure position and testing circuit:

3-1. Testing circuit:



Driving current 15 mA/EA

3-2. 1 to 3 per position measure luminous intensity:



4. Electrical / Optical specifications:  $V_{\text{avg}} \times \Omega$

项目 Item	符号 Symbol	最小值 min.	典型值 typ.	最大值 max.	单位 Unit	测定条件 Condition
正向电压 Forward Voltage	$V_f$	1.9	2.1	2.4	V	$I_f = 15 \text{ mA}$
反向电压 Reverse Voltage	$V_r$	5			V	
正向电流 Forward Current	$I_f$	45			mA	
反向电流 Reverse Current	$I_r$			10	mA	$V_r = 5 \text{ V}$
主波长 Dominant wave length	$\lambda_D$	605		615	nm	$I_f = 15 \text{ mA}$
频谱半宽度 Spectral Line Half width	$\lambda$	515		525	nm	$I_f = 15 \text{ mA}$
* 亮度 Luminance	$L_v$		10	40	cd/m <sup>2</sup>	$I_f = 15 \text{ mA}$

5. Absolute maximum rating:

Item	Symbol	Ratings	Unit
Forward current	$I_f$	45	mA
Reverse voltage	$V_r$	5	v
Power dissipation	$P_d$	125	mW
Operating temperature	$T_{opr}$	-20° C to +70° C	°C
	$T_{stg}$	-30° C to +80° C	°C

成品图

REVISION RECORD

Mark	CONTENT	REV	DATE	ISSUE	未标注公差 为: ±0.2mm	品名	3816W-01	客户信息			
	新增	00	2012. 2. 9	KEITEL		规格	38*16*0. 8mm	ISSUE BY	KEITEL	DATE	2012-2-9
					SCALE	1:1	客户	CHECK BY		DATE	
					UNITS	mm	型号	APPROVED BY		DATE	