NCD0603B1

光电参数

Electro-Optical Characteristics

✧ **极限参数**（温度=25℃）

Absolute Maximum Ratings (Temperature=25°C)

参数名称 Parameter	符号 Symbol	数值 Rating	单位 Unit
正向电流 Forward Current	I_F	20	mA
正向脉冲电流* Pulse Forward Current*	I_{FP}	50	mA
反向电压 Reverse Voltage	V_R	5	V
工作温度 Operating Temperature	T_{OPR}	-30 ～+85	℃
贮存温度 Storage Temperature	Tstg	-40 ～+100	℃
功耗 Power Dissipation	P_D	72	mW

* 注：脉冲宽度≤0.1ms，占空比≤1/10　　* Note:　Pulse Width≤0.1ms, Duty≤1/10

✧ **光电参数**（温度=25℃）

Electro-Optical Characteristics (Temperature=25°C)

参数名称 Parameter	符号 Symbol	条件 Condition	最小值 Min.	典型值 Typ.	最大值 Max.	单位 Unit
反向电流 Reverse Current	I_R	V_R=5V	-	-	10	μA
视角度 View Angle	2θ1/2	-	-	130	-	deg.
正向电压 Forward Voltage	V_F	I_F=10mA	2.4	3.0	3.6	V
峰值波长 Peak Wavelength	λ_P		-	465	-	nm
主波长 Dominant Wavelength	λ_d		460	468	480	nm
半波宽度 Spectrum Radiation Bandwidth	$\Delta\lambda$		-	20	-	nm
光强 Luminous Intensity	I_V		50	120	250	mcd

* 注 1：光强偏差±15%；压降偏差±0.1V；(X,Y)坐标偏差±0.01；单色光波长偏差±1nm。

* Note1: Tolerance on each Luminous Intensity bin is ±15%; Tolerance on each Forward Voltage bin is ±0.1V;Tolerance on each Hue(X,Y) bin is ±0.01; Tolerance of Dominant Wavelength ±1nm.

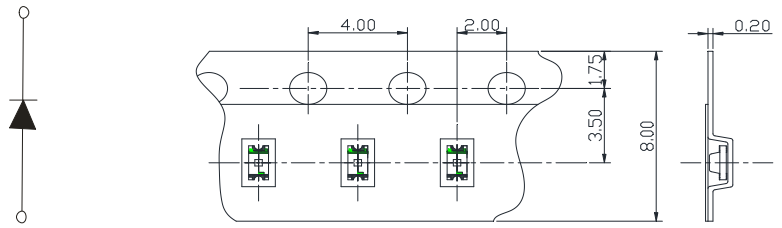
* 注 2：以上参数仅供参考，请以实物标签为准。我司给出的参数均由国星测试系统测得。

* Note2: The parameters above are only for your reference. In case of any discrepancy, please adhere tothe label of our actual products. All parameters are tested by the standard testing system of NationStar.

包装

Packaging

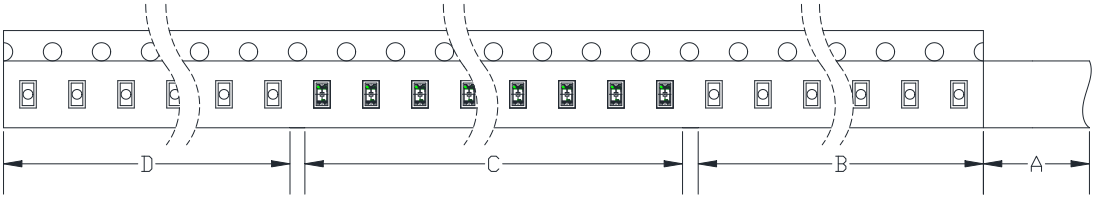
✧ 载带 Carrier Tape



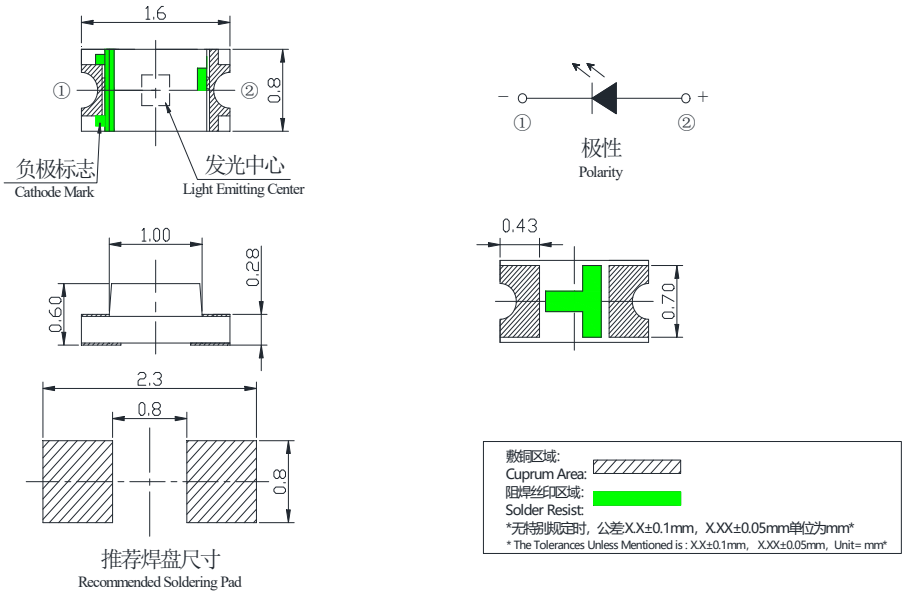
单位：mm，未注公差：±0.1 mm
All dimensions in mm, tolerances unless mentioned is ±0.1 mm.

✧ 编带细节 Details Of Carrier Tape

前进方向 Progressive Direction



A：盖带，200 mm；B：引导，空带，100mm；C：编载产品 4000 只；D：尾部，空带，100mm
A: Top Cover Tape, 200mm; B: Leader, Empty, 100mm; C:4000 Lamps Loaded; D: Trailer, Empty, 100mm.

外形尺寸

Outline Dimension