

# NCD3010RG1



## 光电参数

### Electro-Optical Characteristics

极限参数 (温度=25°C)

☆ 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	IF	20	mA
正向脉冲电流*Pulse Forward Current*	IFP	60	mA
反向电压 Reverse Voltage	VR	5	V
工作温度 Operating Temperature	TOPR	-30 ~ +85	°C
贮存温度 Storage Temperature	Tstg	-40 ~ +100	°C
功耗 Power Dissipation	R	52	mW
	UG	72	

\* 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°C)

☆ Electro-Optical Characteristics (Temperature=25°C)

参数名称 Parameter	符号 Symbol	条件 Condition	颜色 Color	最小值 Min.	典型值 Typ.	最大值 Max.	单位 Unit	
反向电流 Reverse Current	IR	VR=5	R	-	-	10	μA	
			UG	-	-	10		
正向电压 Forward Voltage	VF	IF=20mA	R	1.5	2.0	2.6	V	
			UG	2.5	3.0	3.6		
主波长 Dominant Wavelength	λD		R	615	625	630	nm	
			UG	515	530	535		
半波宽度 Spectrum adiation Bandwidth	Δλ		R	-	20	-	nm	
			UG	-	35	-		
光强 Luminous Intensity	IV		R	80	180	250	mcd	
			UG	110	270	330		
视角 View Angle	2θ1/2		-	-	-	120	-	deg.

\* 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.

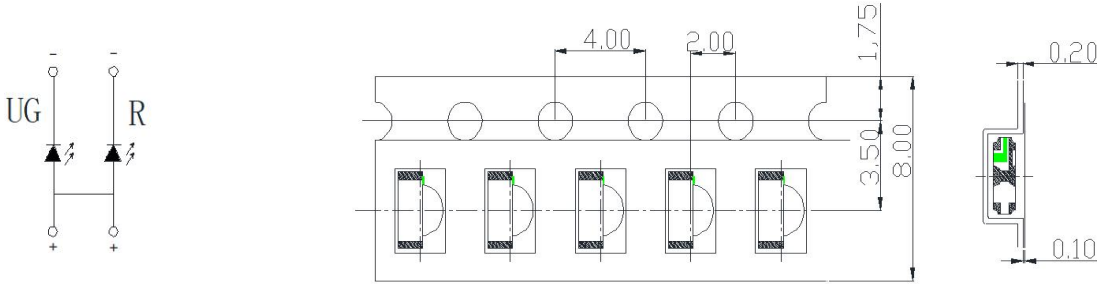
\* 注 2: 以上参数仅供参考, 请以实物标签为准。我司给出的参数均由国星测试系统测得。

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

# 包装

## Packaging

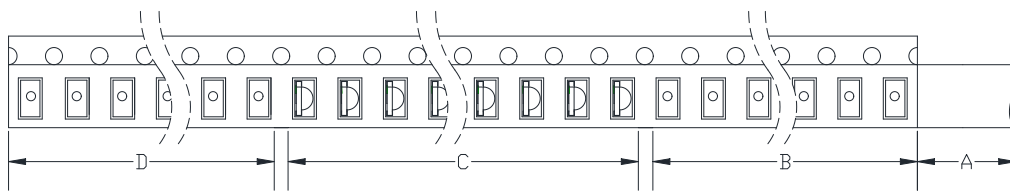
### 载带 Carrier Tape



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

### 编带细节 Details Of Carrier Tape

前进方向 Progressive Direction  $\longrightarrow$



A: 盖带, 100 mm; B: 引导, 空带, 300mm; C: 编载产品 3000 只; D: 尾部, 空带, 200mm  
A: Top Cover Tape, 100mm; B: Leader, Empty, 300mm; C: 3000 Lamps Loaded; D: Trailer, Empty, 200mm.

# 外形尺寸

## Outline Dimension

