

# 产品规格说明(PRODUCT GENERAL DESCRIPTION)

## 一. 构造 (CONSTRUCTION)

### A. 形状, 尺寸, 依照图面规定 (见续页)

SHAPE AND DIMENSIONS SUBJECT TO ATTACHED CHART REGULATION

### B. 外观: 各部应良好无裂痕、无溢胶、电镀不良现象。

APPEARANCE: EVERY PART SHOULD BE FINISHED NOT TO EXIST RUST  
FLAW CRACK AND BAD PLATING

## 二. 电性能参数(ELECTRICAL CHARACTERISTICS TEST CONDITION)

Electrical / Optical Characteristics at  $T_A=25^{\circ}\text{C}$

Symbol	Parameter	Device	Typ.	Max.	Unit	Test conditions
$I_v$	Average Luminous Intensity	Red	80	100	mcd	$I_F=20\text{mA}$
		Green	100	120		
		Blue	200	250		
$\lambda_D$	Dominate Wavelength	Red	625	635	nm	$I_F=20\text{mA}$
		Green	520	525		
		Blue	465	470		
$\Delta\lambda_{1/2}$	Spectral Line Halfwidth	Red	30		nm	$I_F=20\text{mA}$
		Green	32			
		Blue	28			
$V_F$	Forward Voltage	Red	1.8	2.0	V	$I_F=20\text{mA}$
		Green	2.1	2.2		
		Blue	3.0	3.5		
$I_R$	Reverse Current	All		10	$\mu\text{A}$	$V_R=5\text{V}$
$I_v-m$	Luminous Tolerance			1:1.2		$I_F=20\text{mA}$

## Absolute Maximum Ratings at $T_A=25^{\circ}\text{C}$

PARAMETER(any Dot)	SYMBOL	ALL	UNIT
Power Dissipation, any seg	$P_{AD}$	40	mW
Peak Forward Current any seg (1/10 Duty Cycle 0.1ms Pulse Width)	$I_{PF}$	60	mA
Continuous Forward any seg Derating Linear Form $25^{\circ}\text{C}$ any seg	$I_{AF}$	20 0.2	MA MA/ $^{\circ}\text{C}$
Reverse Voltage any seg	$V_R$	5	V
Operating Temperature Range	$T_{OPR}$	$-10^{\circ}\text{C}$ TO $+80^{\circ}\text{C}$	
Storage Temperature Range	$T_{STG}$	$-10^{\circ}\text{C}$ TO $+80^{\circ}\text{C}$	
Solder Temperature 1/16 inch Below Seating Plane for 3 seconds at $260^{\circ}\text{C}$			



