

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 TESTCONDITION)

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		
λ_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	μA	$V_R=5V$
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 °C any seg	I_{AF}	20 0.2	MA MA/ °C
Reverse Voltage any seg	V_R	5	V
Operating Temperature Range	T_{OPR}	-10 °C TO + 80 °C	
Storage Temperature Range	T_{STG}	-10 °C TO + 80 °C	
Solder Temperature 1/16 inch Below Seating Plane for 3 seconds at 260 °C			



