



Power-Light Emitting Diode 大功率发光二极管

Part NO.:P1WLRLXW1 (产品型号)

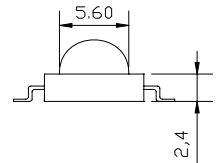
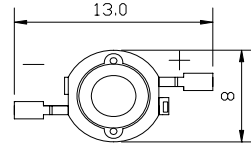
Features:

Package Dimension:

Lens Color(胶体颜色) : Water Clear(透明)

Source Color(发光颜色) : White(白色)

Bright BIN(亮度等级) : Ultra Bright(超高亮)



GaN/SiC

Absolute Maximum Ratings at Ta=25°C

Electrical Optical Characteristics at Ta=25°C

Parameter	Symbol	Rating	Units
DC Forward Current	I_F	350	mA
Reverse Voltage	VR	5	V
LED junction Temperature (at 350 mA)	T_j	125	°C
Operating Temperature	T_{opr}	-30 ~ +110	°C
Storage Temperature	T_{stg}	-40 ~ +120	°C
Manual Soldering Time at 260°C (MAX.)	T_{sol}	5	Seconds

Parameter	Symbol	condition	Min.	Typ.	Max.	Unit
Give out light the power	P	IF=350mA	---	1	---	W
Luminous Flux	Flux	IF=350mA	70	---	80	lm
Thermal Resistance Junction to Board	$R \theta_{J-B}$	IF=350mA	---	15	---	°C/W
Viewing Angle(发光角度)	$2 \theta_{1/2}$	IF=350mA	---	120		Deg
Color Temperature	TC	IF=350mA	6000	---	6500	K
Temperature Coefficient Of Forward Voltage	$\Delta V_F / \Delta T$	IF=350mA	---	-2	---	mV/°C
Forward Voltage	V_F	IF=350mA	3.5	---	3.7	V
Reverse Current	I_R	VR=-5V	---	---	100	μA