XL-PD638C **技术数据表 Technical Data Sheet**

characteristic）：

L/W/H :7.6*5.25*2.75 mm

Outline Dimensions (L / w / h): 7.6x 5.25 x 2.75mm

* : /

Luminous color and colloid: infrared receiver tube /transparent colloid

ROHS

Environmental protection products Complied With ROHS Directive

目录
Catalogue

Electrical Characteristics.....3

Typical Characteristic Curves.....5

Outline Dimensions.....6

Packaging.....7

Precautions.....10

电性参数

Electrical Characteristics

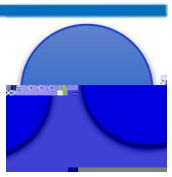
Parameter	Symbol	Maximum rating	Unit
Power consumption	Pd	150	mW
Reverse Voltage	VR		

Initial Electrical Optical Characteristics Ta=25

Parameter	Symbol	Min	Representative	Max	Unit	Condition
Open-Circuit Voltage	VOC	/	0.35	/	V	λ_P=940nm Ee=5mW/cm2
Short-Circuit Current	Isc	/	18	/		λ_P=940nm Ee=1mW/cm2
e	IL	15	25	/		λ_P=940nm V_R=5V Ee=1mW/cm2
Reverse Dark Current	ID	/	5	30	nA	V_R=10V Ee=0mW/cm2
Rise time	Tr	/	50	/	uS	V_R=10V RL=1000Ω
Fall time	Tf	/	50	/		
Reverse Breakdown Voltage	BVR	32	170	/	V	Ee=0mW/cm2 IR=100
Total Capacitance	Ct	/	25	/	pF	Ee=0mW/cm2 V_R=5V f=1MHz
Rang of Spectral Bandwidth	λ0.5	400	/	1100	nm	/
Wavelength of Peak Sensitivity	λP	/	940	/	nm	/

Rank

Bin	Symbol	Condition	Min.	Max.	Unit
	IL	Ee= mW/cm² V_R=5V λ_P=940nm	10.2	16.5	
			13.5	22.0	
			18.0	27.5	



外形尺寸

Outline Dimension

Note

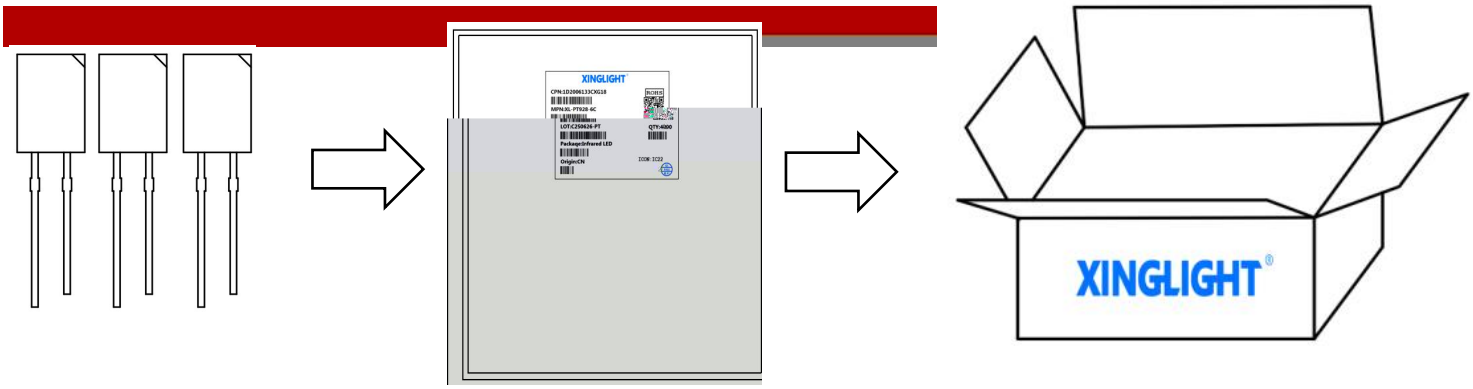
1. Dimensions are in millimeters
2.

H òB ù P QfpI '

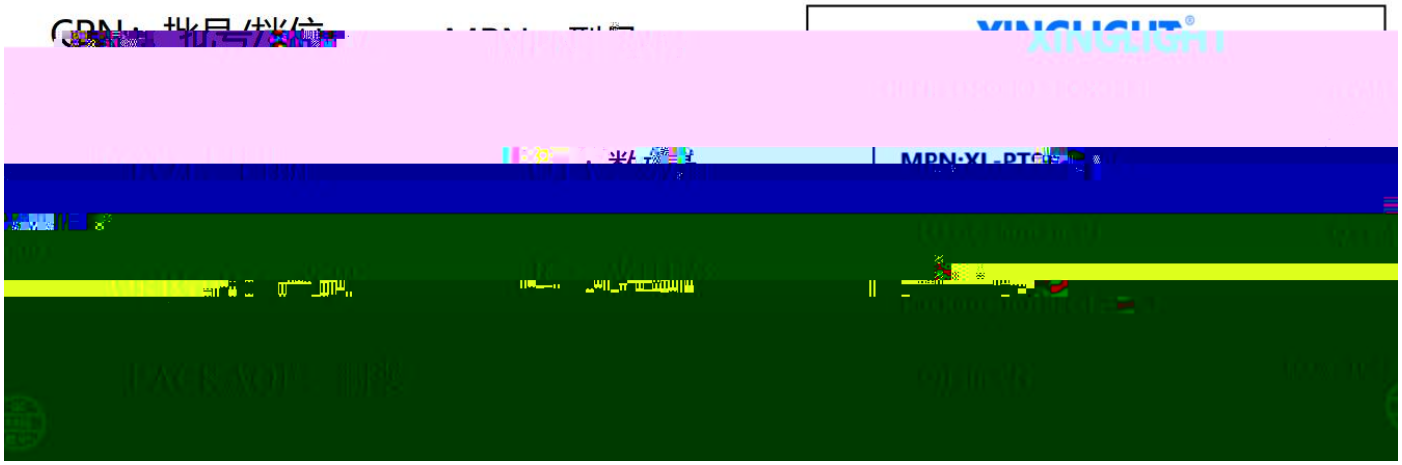
包装

Packaging

Moisture Proof and Antti-Electrostic Foil Bag



Label Expantion



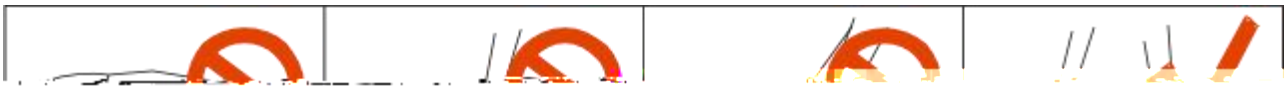
使用注意事項（2）

1.
LED

使用注意事项（3）

Others

When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when the LEDs are heated such as during Reflow Soldering.



LED

The epoxy resin of encapsulant is fragile, so please avoid scratch or friction over the epoxy resin surface. While handling the product with tweezers, do not hold by the epoxy resin, be careful.