XL-

目录

Catalogue

电性参数

Parameter	Symbol	Rating	Unit
Consumed power	Pd	70	mW
Max Continuous Forward Current	IF	20	mA
Peak Forward Current	IFp	80	mA
Operating ambient temperature	Topr	-20 C ~ +85 C	
Storage ambient temperature	Tstg	-40 C ~ +85 C	
Welding conditions	Tsol	reflow soldering 240°C 6s manual welding 300°C 3s 2.0mm	

Luminous Intensity	Iv	400	600	900	mcd	IF=20mA
Dominant Wave Length	λd	615	620	625	nm	IF=20mA
Peak Wave Length	λp	/	625	/	nm	IF=20mA
Forward Voltage	VF	1.8	2.2	2.4	V	IF=20mA
Viewing Angle	2Ø1/2	/	30	/	deg	IF=20mA
Spectral Width at half height	λ	/	20	/	nm	IF=20mA
	IR	/	/	≤10	μA	VR=5V

±10% +e , r ž ž 0'

亮度分档

：

代码	最小值	最大值	单位	测试条件
A5	400	500	mcd	IF=20mA
A6	500	700		
A7	700	900		

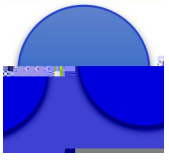
电压分档

：

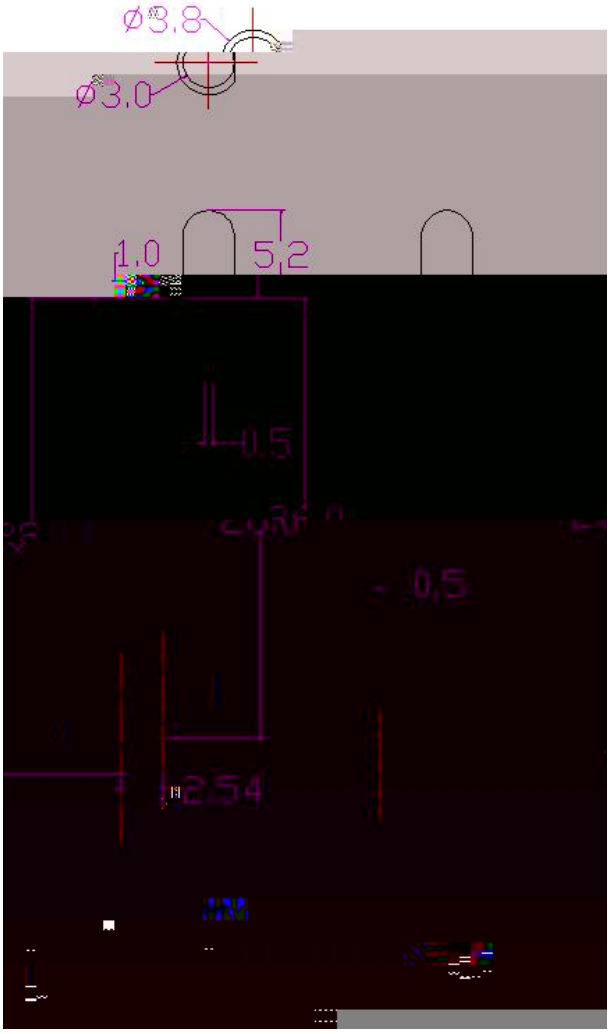
代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		

波长分档

	最小值	最大值		测试条件
HR01	615	620		IF=20mA
HR02	620	625		



外形尺寸



(Note)

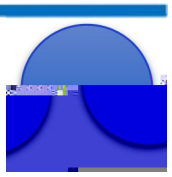
1.

Dimensions are in millimeters.

2. ± 0.50mm .

Tolerances unless mentioned are ± 0.50mm.

Part N :XL-304SURD



使用注意事项（ ）

2mm

LED

When welding, welding,must be conducted

使用注意事项（ ）

8、其他事项：

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*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.