光电参数 Ta=25 Optical-electrical parameter(ta=25 Ņ)

Parameter	Symbol		Rating			Unit	Test conditions
			Min	Typ	Max		
Working Voltage	VF		3.0	и	4.5	V	/
light intensity	Iv	R	и	130	и	mcd	IF=20mA
		G	и	750	и	mcd	IF=20mA
		B	и	200	и	mcd	IF=20mA
Dominant wavelength	∌d	R	и	620	и	nm	IF=20mA
		G	и	515	и	nm	IF=20mA
		B	и	465	и	nm	IF=20mA
Peak wavelength	∌p	R	и	625	и	nm	IF=20mA
		G	и	532	и	nm	IF=20mA
		B	и	470	и	nm	IF=20mA
Half wave width	φ∌	R	и	20	и	nm	IF=20mA
		G	и	30	и	nm	IF=20mA
		B	и	25	и	nm	IF=20mA
Reverse current	Ir		и	и	5	εA	Vr=5V
Half light angle	2ƌ1/2		и	120	и	Deg	IF=20mA
Flicker period	T		и	35	и	S	IF=20mA

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可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Reference standard
Endurance test	Working life	Continuous lighting at the maximum rated current at room	1000 hours	MIL-STD-750D:1026 MIL-STD-883D:1005 JIS C 7021:B-1
	High temperature and high humidity storage	IR-Reflow In-Board, 2 Times Ta= 85±5℃, RH= 90~95%	240hours	MIL-STD-202F:103B JIS C 7021:B-11
	High-temperature storage	Ta= 85±5℃	1000 hours	MIL-STD-883D:1008 JIS C 7021:B-10
	Low temperature storage	Ta= -40±5℃	-24hours+72hours	JIS C 7021:B-12
	Cold and hot cycle	105℃ 25℃ -55℃ 25℃ 30mins 5mins 30mins 5mins	100 Circles	MIL-STD-202F:107D MIL-STD-750D:1051 MIL-STD-883D:1010
	Hot and cold impact	IR-Reflow In-Board, 2 Times 100±5℃ -40℃±5℃ 20mins 20mins	100 Circles	MIL-STD-202F:107D MIL-STD-750D:1051 MIL-STD-883D:1011
	Anti-tin test	T.sol= 260±5℃	10±1secs 2 2times	MIL-STD-202F:210A MIL-STD-750D:2031
Environmental testing				

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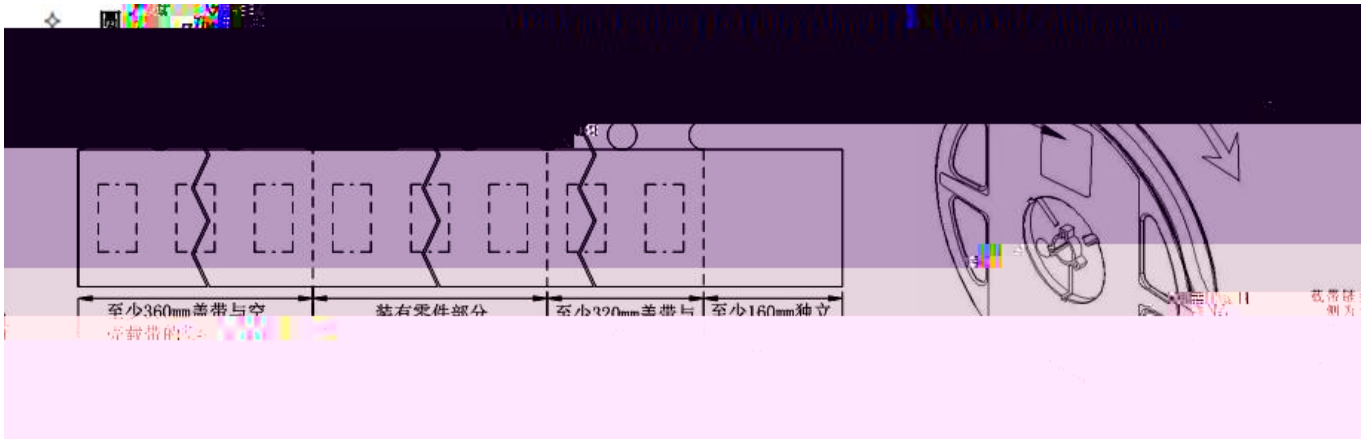
包装（1）

Packaging (1)



使用注意事项（3）

Precautions (3)

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