





Parameter	Symbol		Rating			Unit	Test conditions
			Min	Typ	Max		
Working Voltage	VF		3.0		4.5	V	/
light intensity	Iv	R		130		mcd	IF=20mA
		G		750		mcd	IF=20mA
		B		200		mcd	IF=20mA
Dominant wavelength	λd	R		620		nm	IF=20mA
		G		515		nm	IF=20mA
		B		465		nm	IF=20mA
Peak wavelength	λp	R		625		nm	IF=20mA
		G		532		nm	IF=20mA
		B		470		nm	IF=20mA
Half wave width	Δλ	R		20		nm	IF=20mA
		G		30		nm	IF=20mA
		B		25		nm	IF=20mA
Reverse current	Ir				5	μA	Vr=5V
Half light angle	2θ1/2			120		Deg	IF=20mA
Flicker period	T			35		S	IF=20mA



可靠性试验

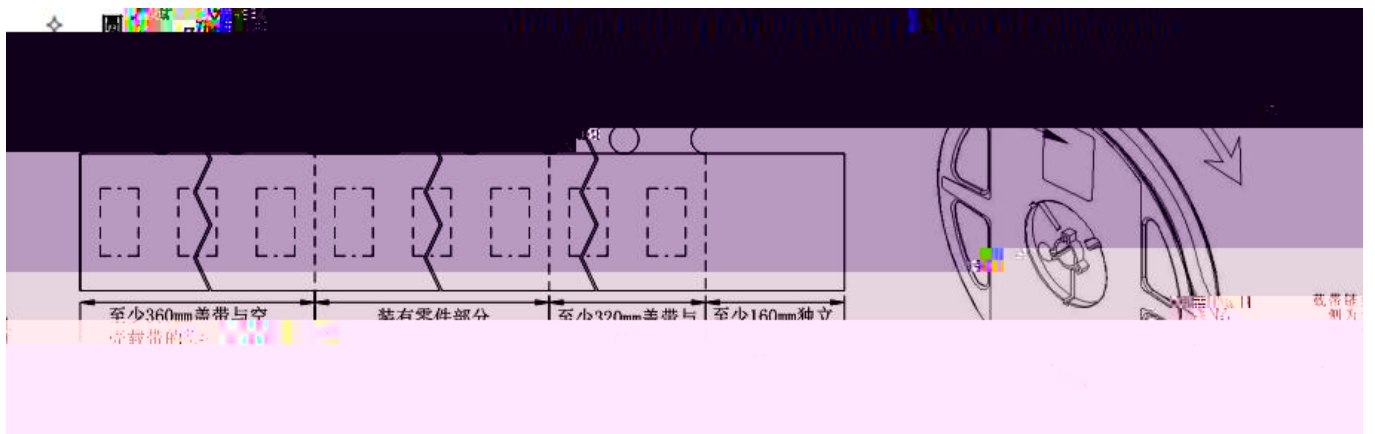
Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Reference standard
Endurance test	Working life	20mA Continuous lighting at the maximum rated current at room	1000 -24 -24hours 1000 hours +72 +72hours	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%	240 ± 2 240hours) ± 2	MIL-STD-202F:103B JIS C 7021:B-11
	High-temperature storage	Ta= 85±5℃	1000 -24 +72)	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	100 100 Circles	MIL-STD-202F:107D MIL-STD-750D:1051 MIL-STD-883D:1010 MIL-STD-202F:107D
	IR-Reflow In-Board	IR-Reflow In-Board, 2 Times 100±5℃	100 100 Circles	MIL-STD-750D:1051 MIL-STD-883D:1011
	cold impact	-40℃ ± 5℃ 20mins 20mins	100 100 Circles	MIL-STD-750D:1051 MIL-STD-883D:1011
	Anti-tin test	T.sol= 200±5℃	10 10sec	MIL-STD-202F:210A MIL-STD-750D:2031
			2 2times	
Environmental testing				

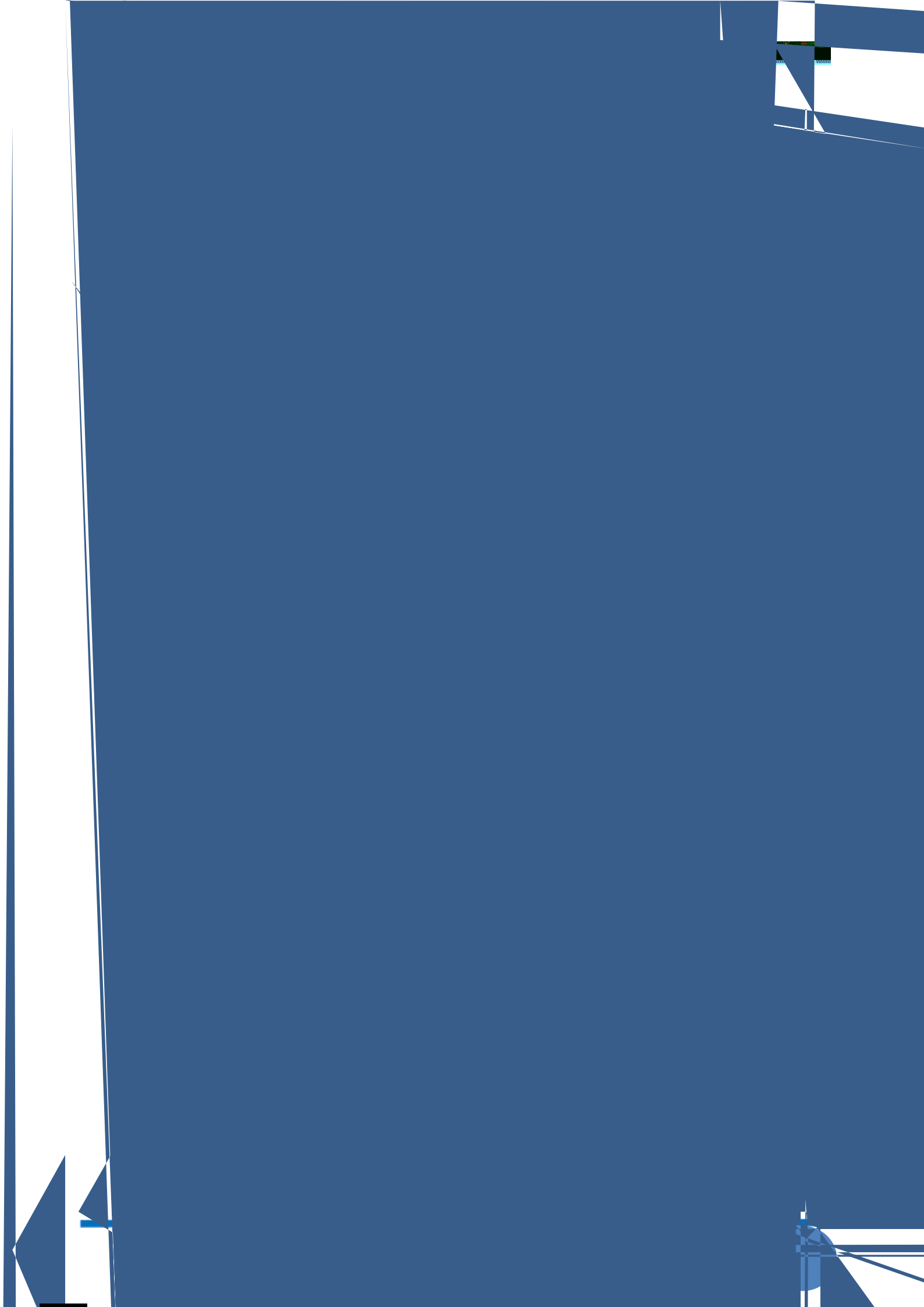


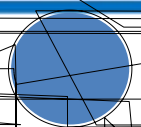


Packaging (1)











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



Don't miss the good

