电性参数

Ta=25 Absolute Maximum Rating(ta=25)

Parameter	Symbol	Value	Unit
Max Power Dissipation	PD	50	mW
Max Continuous Forward Current	IF	20	mA
Peak Forward Current	IFP	80	mA
Max Reverse Voltage	VR	5	V
Antistatic ability	ESD	2000	V
Operating Temperature Range	TOPR		
Storage Temperature Range	TSTR		
/ Lead Soldering Temperature/Time	TSOL	260 ≤6S	/

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

Luminous Intensity	Iv	50	/	120	mcd	IF=20mA
Dominant Wave Length	λd	565	/	575	nm	IF=20mA
Peak Wave Length	λp	/	570	/	nm	IF=20mA
Forward Voltage	VF	1.8	/	2.4	V	IF=20mA
Viewing Angle	2Ø1/2	/	120 °	/		

可靠性试验

Reliability Test Items And Conditions

Endurance test	Working life	20mA Continuous lighting at the maximum rated current at room	1000 -24)	1000 hours +72 -24hours MIL-STD-750D:1026 MIL-STD-883D:1005 JIS C 7021:B-1
	High temperature and high humidity	IR-Reflow In-Board, 2 Times Ta= 85±5 , RH= 90 95%	240 ± 2 2hours)	240hours) ± MIL-STD-202F:103B JIS C 7021:B-11
	High-temperature storage	Ta= 85±5	1000 -24	1000 hours +72) MIL-STD-883D:1008 JIS C 7021:B-10
	Low temperature	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
	Hot and cold impact	IR-Reflow In-Board, 2 Times 100± 5 -40 ± 5 20mins 20mins	100	100 Circles MIL-STD-202F:107D MIL-STD-750D:1051 MIL-STD-883D:1011
	Anti-tin test	T.sol=		
Environmental testing				

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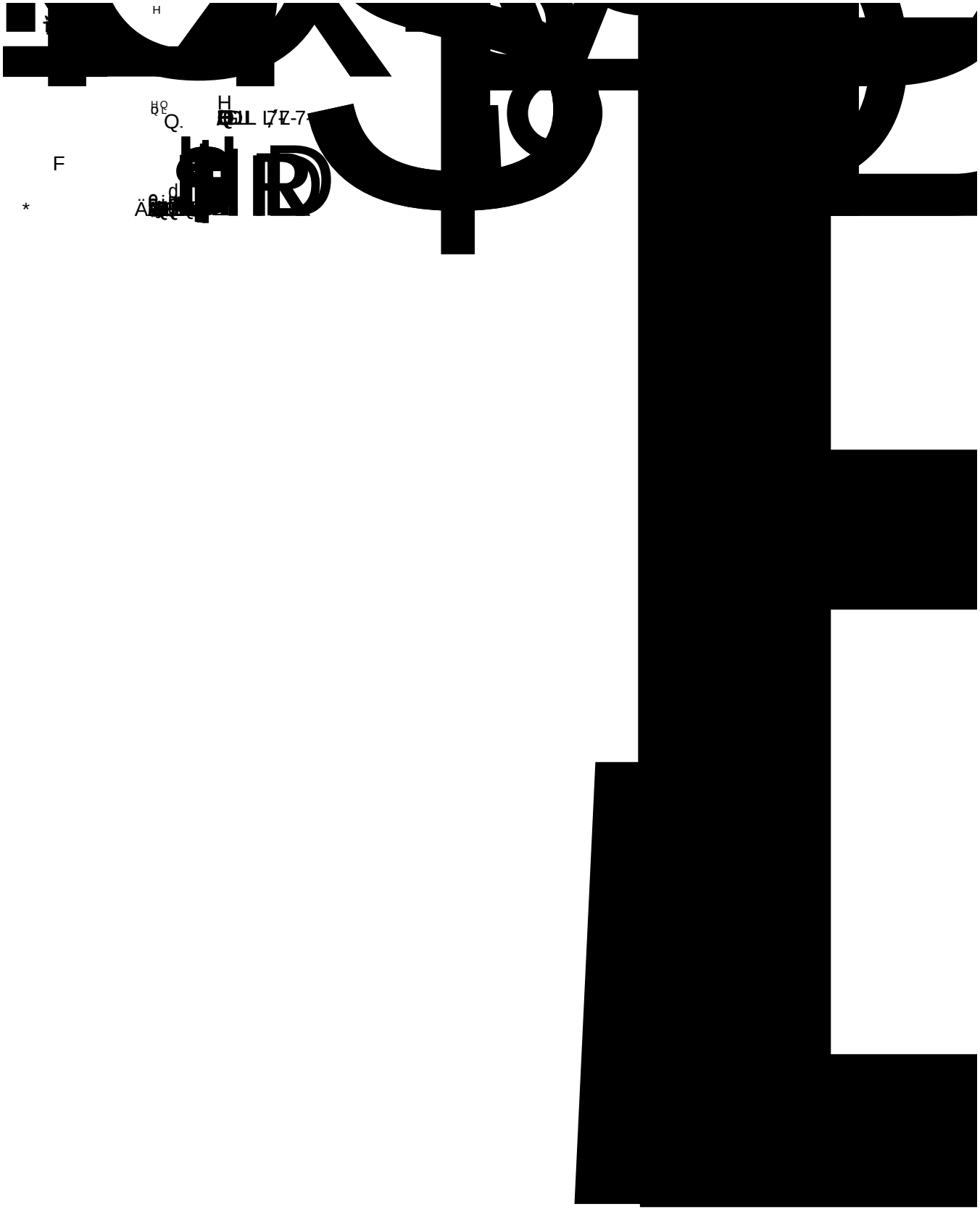
使用注意事项（2）

Precautions (2)