/ Descriptions

GIQ4339050 ṂṂ Ƀ HVG Ɜ ï‾ ‖ ㄱ
DFN1006-2L Plastic Package ESD Protection Diode.

/ Features

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Ultra small package, Response Time is Typically < 1 ns, ESD > 30 kV per Human Body Model,IEC61000ɕ4ɕ2 Level 4 ESD Protection,HF Product.

/ Applications

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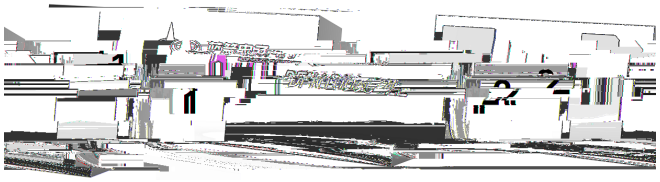
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

/ Equivalent Circuit

/ Pinning



/ Marking

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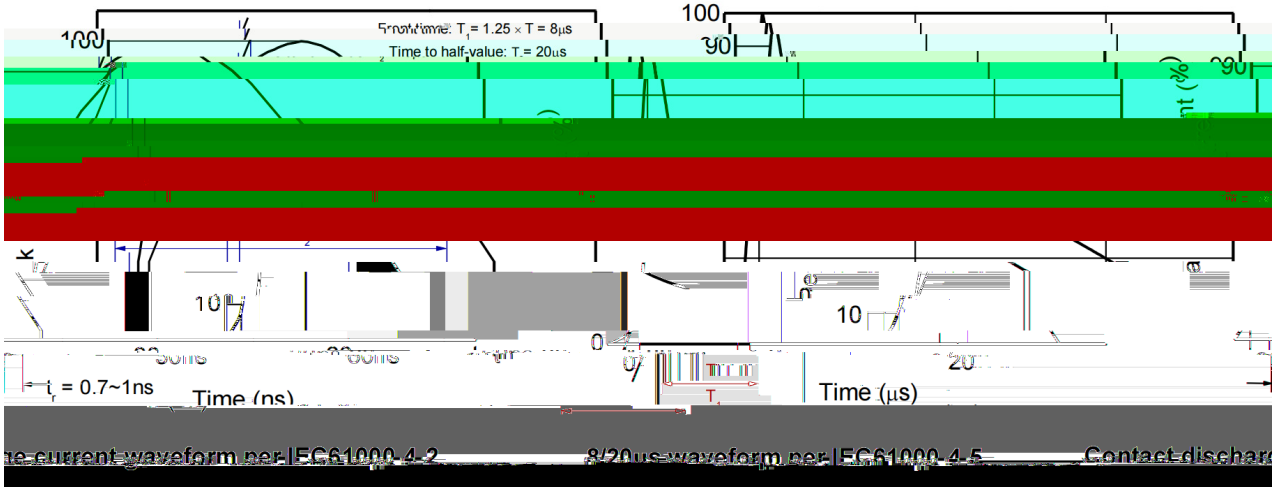
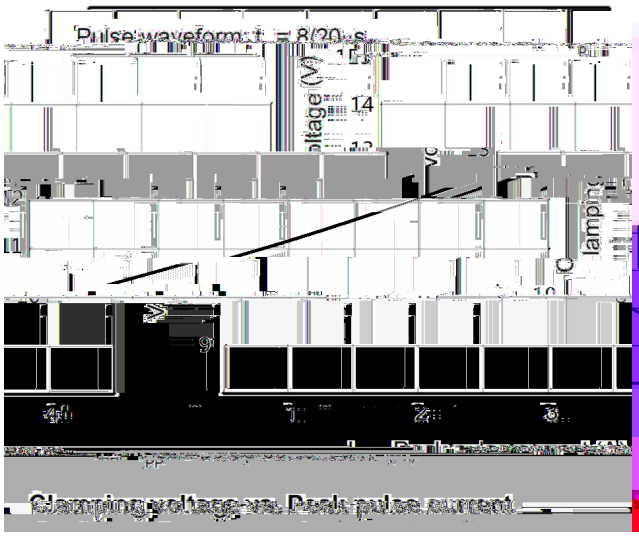
See Marking Instructions.

v ″Ω Parameter	ϒ N Symbol	″Ω Ö Rating	D Ч Unit
Peak pulse power (t_p = 8/20μs)	P_K	69	W
Peak pulse current (t_p = 8/20μs)	I_{PP}	5.5	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	±30	KV
ESD according to IEC61000-4-2 contact discharge		±30	
Junction temperature	T_J	150	
Storage temperature	T_{STG}	-55~+150	

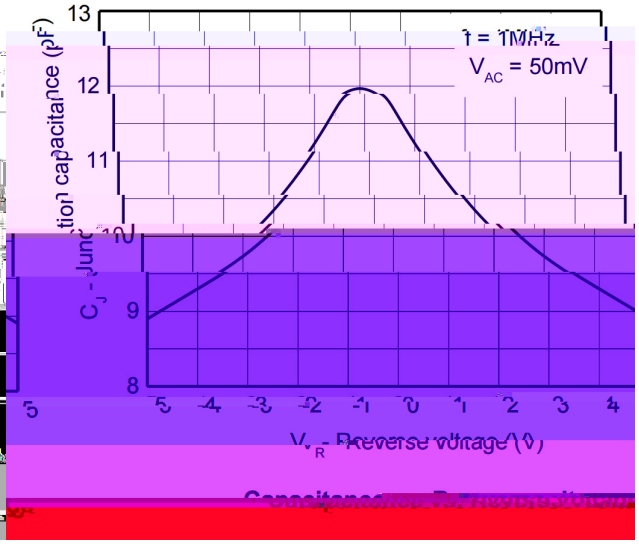
v ″Ω Parameter	ϒ N Symbol	╨ :ϯ ϒ Test Conditions	ω ŋ Ö Min	Ɛ ʒ Ö Typ	ω ᶻ Ö Max	D Ч Unit
Reverse maximum working voltage	Â› Min					

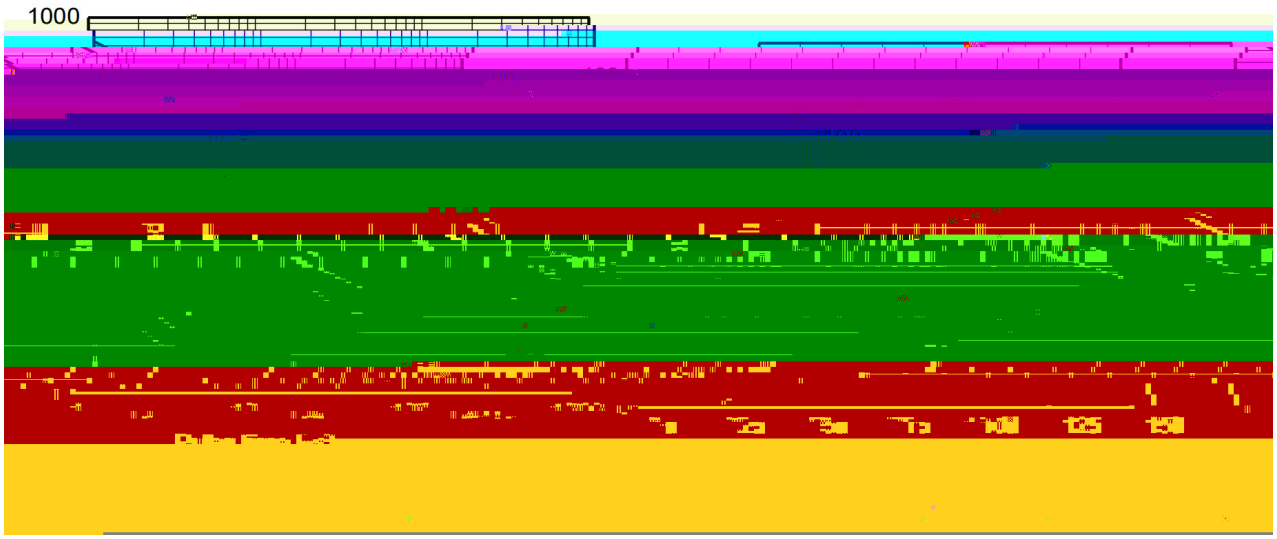
/ Electrical Characteristic Curve



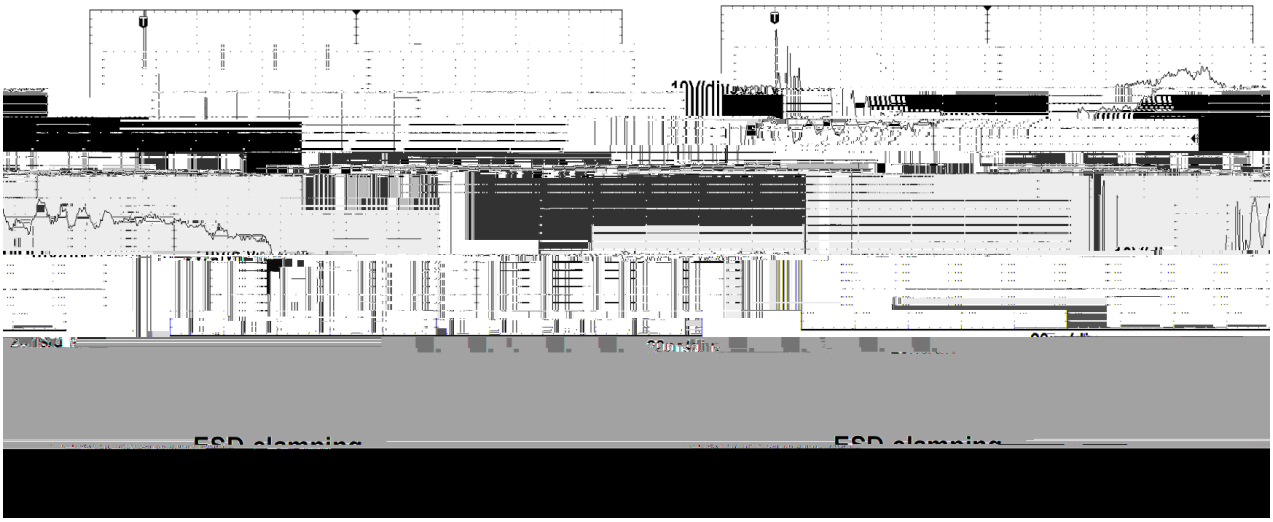


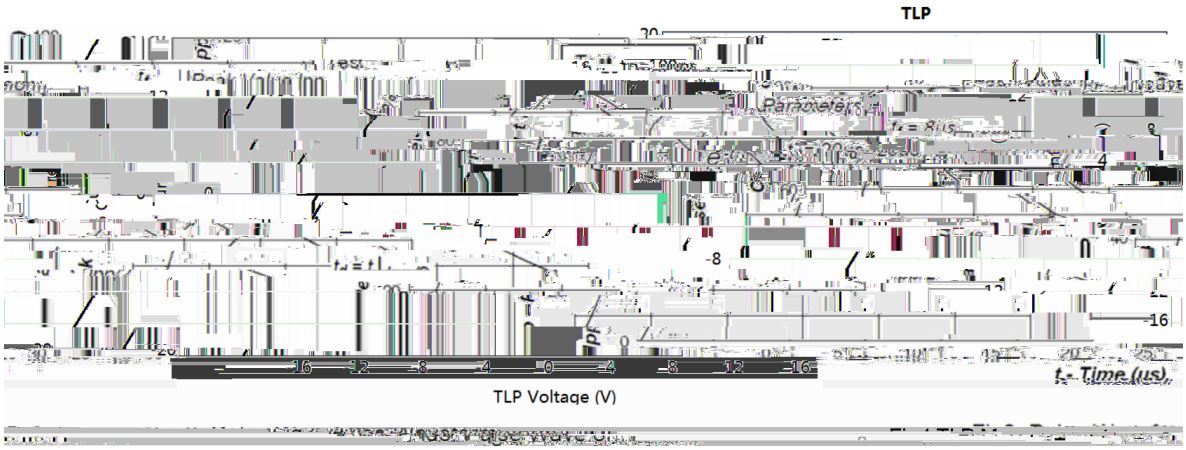
Clamping voltage vs. Peak pulse current





/ Electrical Characteristic Curve





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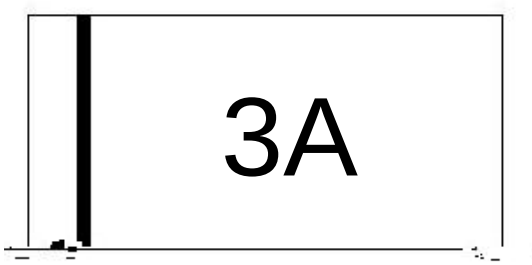
/ Marking Instructions



ب ˝ χ

6D χ ᵻ ʒ ᴺ Ր

Note χ

3A χ Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

ب ˝ χ

1 Ĺ ♬ □ ў 150 Ќ 180 ћ ı `H ђ 60 Ќ 90sec;

2 Š Ө □ ў 245 ° 5 ћ ı `H ђ 'Y ѓ ѭ 5 ° 0.5sec;

3 ì ˙ ٢ ¸ ɔ ѧ ў ѭ 2 Ќ 10 ћ /sec.

Note:

1.Preheating:150~180 ћ , Time:60~90sec.

2.Peak Temp.:245 ° 5 ћ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ћ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ў χ 260 ° 5 ћ `H ђ χ 10 ° 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

ɔ ` ɣ Ь / REEL

Package Type	Units	Dimension	Units/Reel	(unit:mm	Reels/Inner Box	Units/In
		Reel	Inner Box	Box		