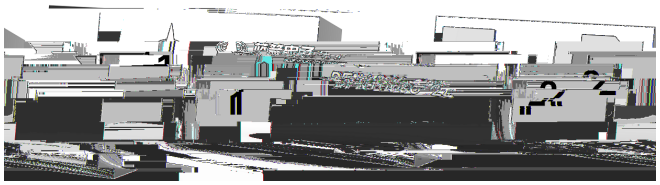
GIQ4339050 ṂṂ Ł HVG ʒ ï‿ ǁ ʅ
DFN1006-2L Plastic Package ESD Protection Diode.

ʌ ṇ Ṃ Ł ı* Ẃ φ Ẓ `H ʒ ŋ̂ 4qv ı گ ـ ɔ ɴ ʅ ʒ˙ 63NY Ɑ i ı ɴ ᵀ LHF943330705 ⊞ 7 ʅ HVG ʒ ï ° ´ ı ṇ ɾ β
Ultra small package, Response Time is Typically < 1 ns, ESD > 30 kV per Human Body Model,IEC61000ɡ4ɡ2 Level 4 ESD Protection,HF Product.

گ ɾ̂ ɛ ـ ɩ PS6 ʼḤ ϖ ʰ ʼQ ʾ ж ʼA Ã Φ ʲ ɴ υ ɔ ʔ ɴ ɾ ʼA ʅ
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

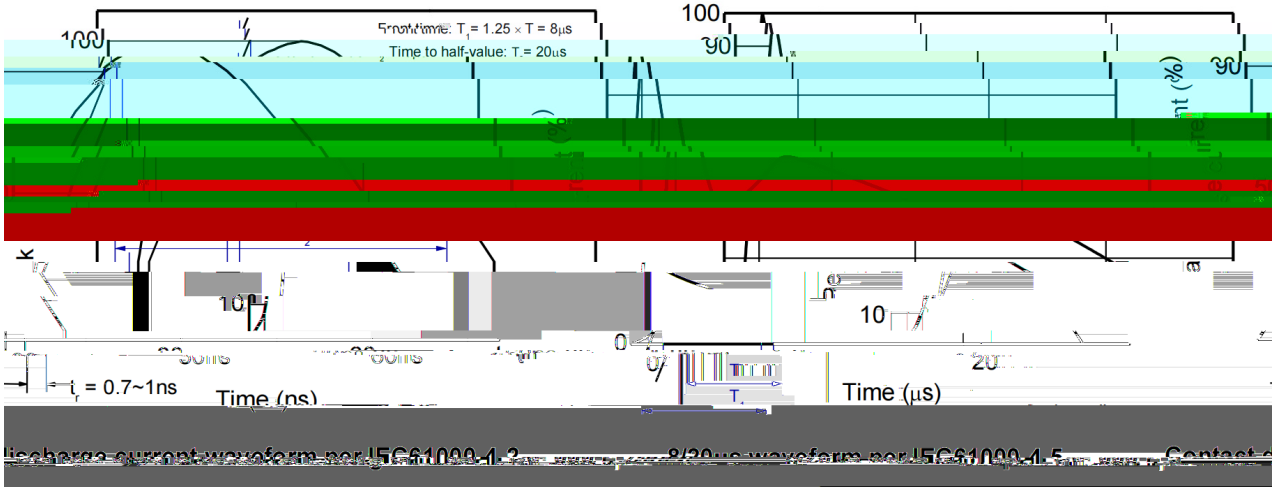


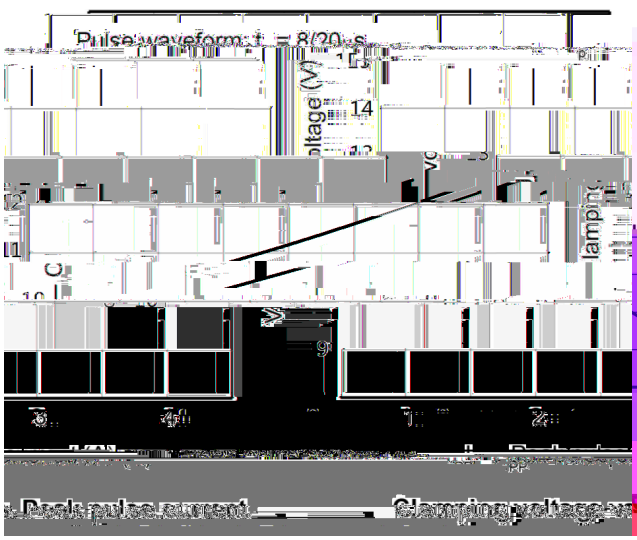


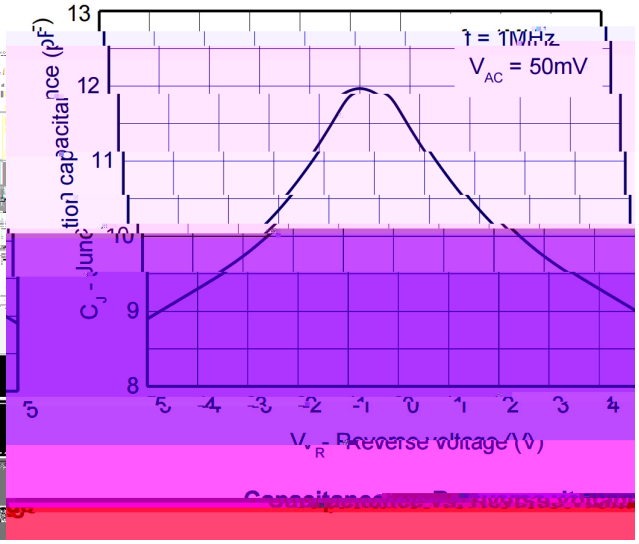
ð M ʅ ب ˝
See Marking Instructions.

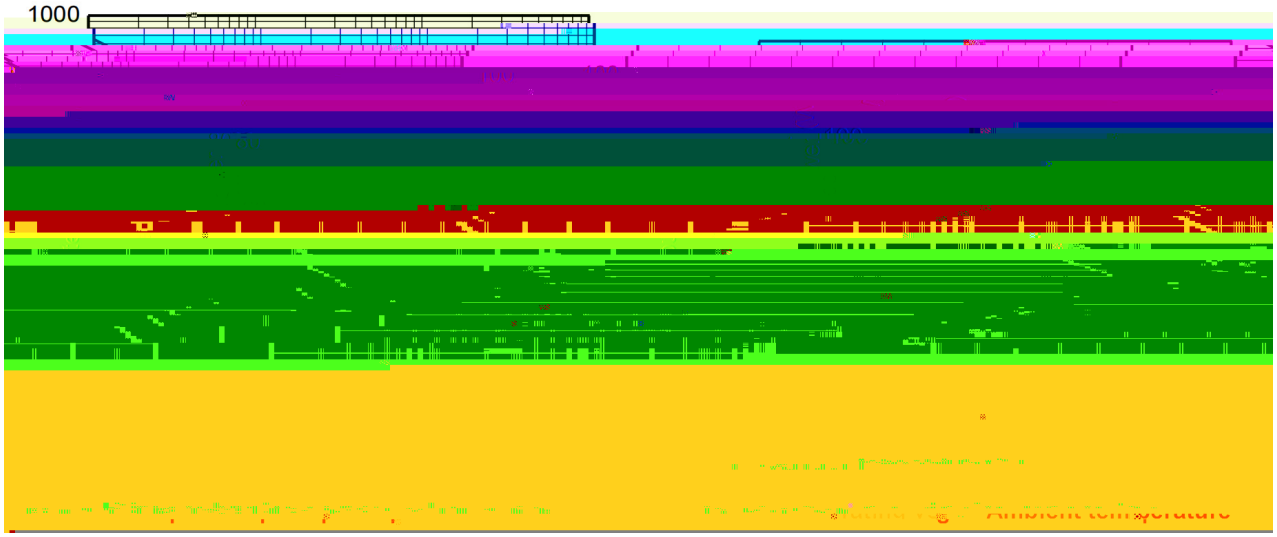
v Ώ Parameter	ɬ N Symbol	Ώ Ö Rating	D Ɉ Unit
Peak pulse power (t_p = 8/20μs)	P_K	69	W
Peak pulse current (t_p = 8/20μs)	I_{PP}	5.5	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	±30	KV
ESD according to IEC61000-4-2 contact discharge		±30	
Junction temperature	T_J	150	
Storage temperature	T_{STG}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

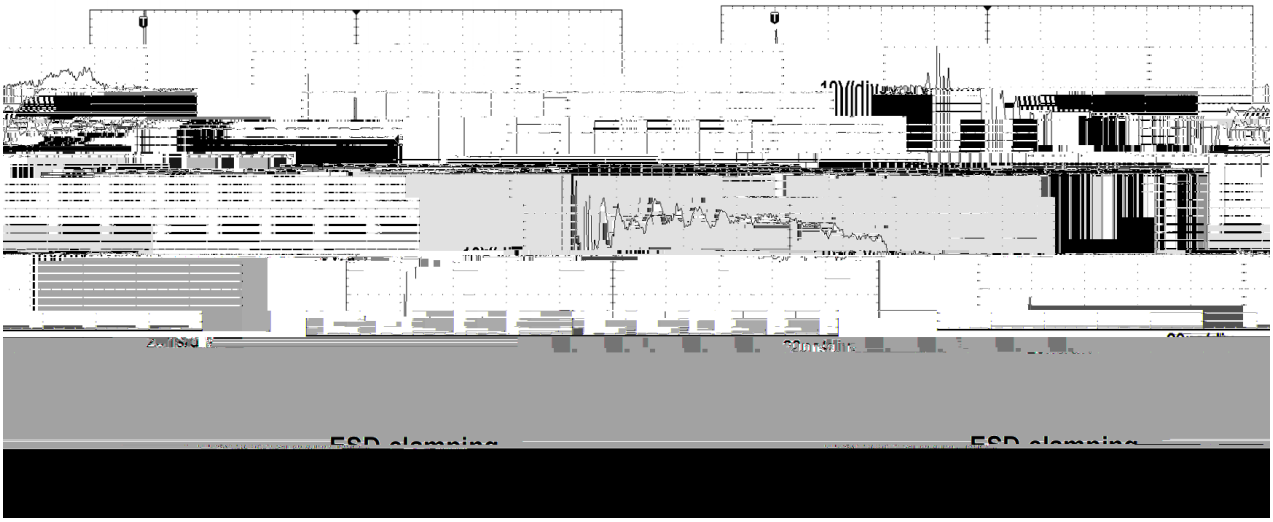
v Ώ Parameter	ɬ N Symbol	⊥⊥ ;ʅ Ţ Test Conditions	ω ṇ Ö Min	Ɛ ʒ Ö Typ	ω ʑ Ö Max	D Ɉ Unit
Reverse maximum working voltage	Â› Min					

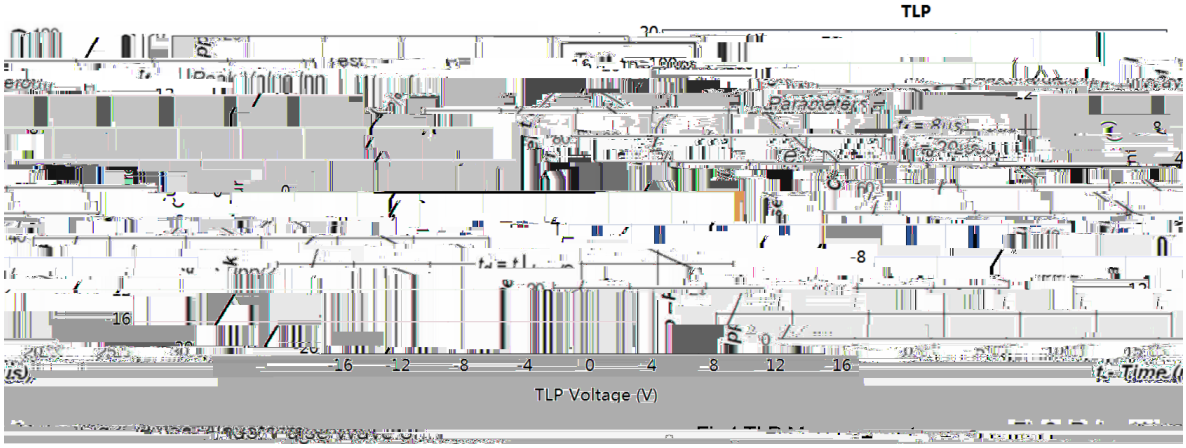

Front time: T_r = 1.25 × T = 8μs
Time to half-value: T = 20μs
100
90
10
0
t_r = 0.7~1ns
Time (ns)
Time (μs)

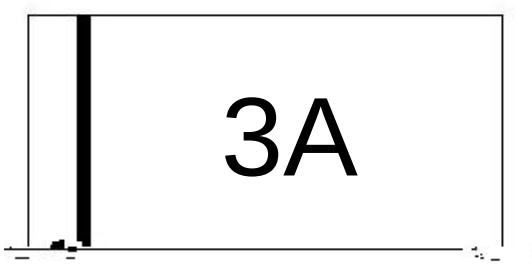

Pulse waveform: t_r = 8/20μs
Peak pulse current
Clamping voltage


f = 1MHz
V_{AC} = 50mV
C_J - Junction capacitance (pF)
V_R - Reverse voltage (V)


1000
Ambient temperature


ESD clamping
ESD clamping


TLP
-16
-12
-8
-4
0
4
8
12
16
TLP Voltage (V)



ب ˝ χ

6D χ ѭ ʒ ᴺ Ɱ

Note χ

3A χ Product Type Code

Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ

1 أ ♬ □ ỷ 150 Ḱ 180 ɬ ı `H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ɬ ı `H ڑ ˙Y ⺈ ⺾ 5 ° 0.5sec;

3 ì ˙ ⺈ ˛ ɔ ھ ỷ ⺾ 2 Ḱ 10 ɬ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ɬ /sec.

□ ỷ χ 260 ° 5 ɬ `H ڑ χ 10 ° 1 sec. Temp.:260±5 Time:10±1 sec

ɔ ` ɣ ɛ / REEL

Package Type	Units	Dimension Reel	Units/Reel Inner Box	(unit/Ɔ Outer	Reels/Inner Box	Units/In