DFN1006-2L ESD

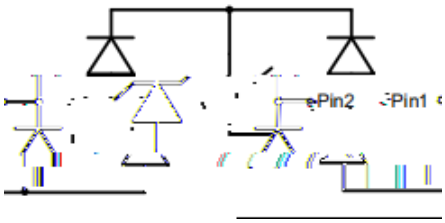
DFN1006-2L Plastic Package 1-Line,Bi-directional , ESD Protection Diode.

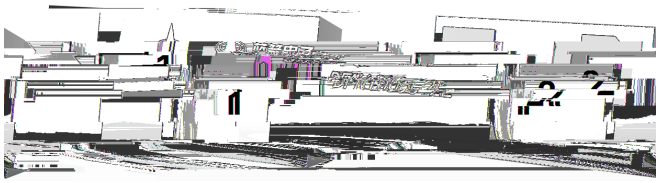
1ns 20KV IEC61000-4-2 4 ESD

Ultra small package, Response Time is Typically < 1 ns, ESD > 20 kV per Human Body Model,IEC61000−4−2 Level 4 ESD Protection,HF Product.

MP3

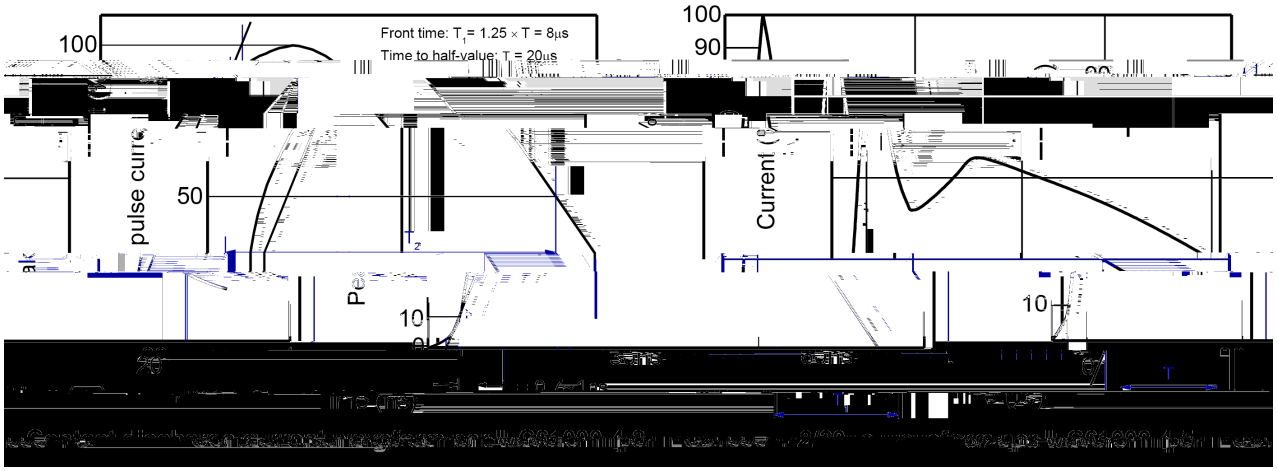
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

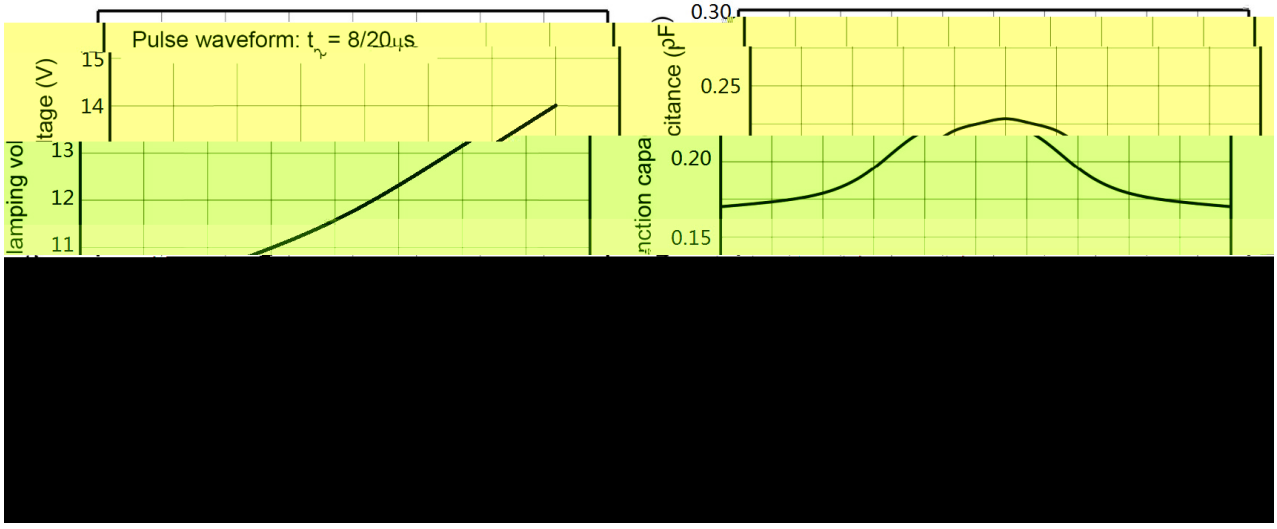


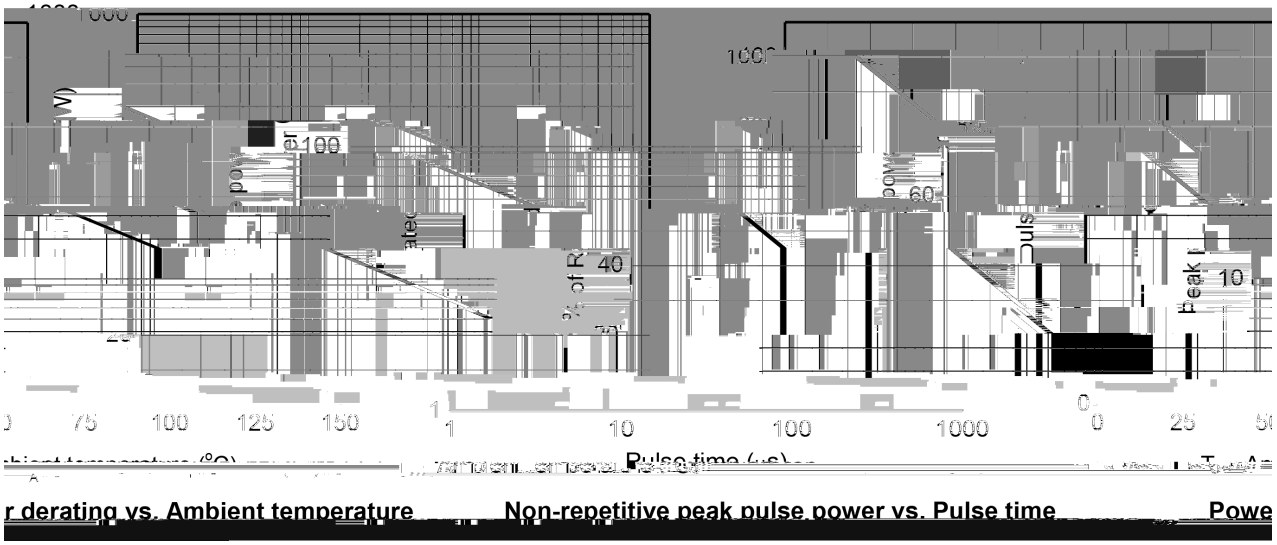


Parameter	Symbol	Rating	Unit
p			
Peak Pulse Current(t_p = 8/20μs)	I_{PP}	4	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	±20	KV
ESD according to IEC61000-4-2 contact discharge		±20	

/ Electrical Characteristic Curve(Ta=25)

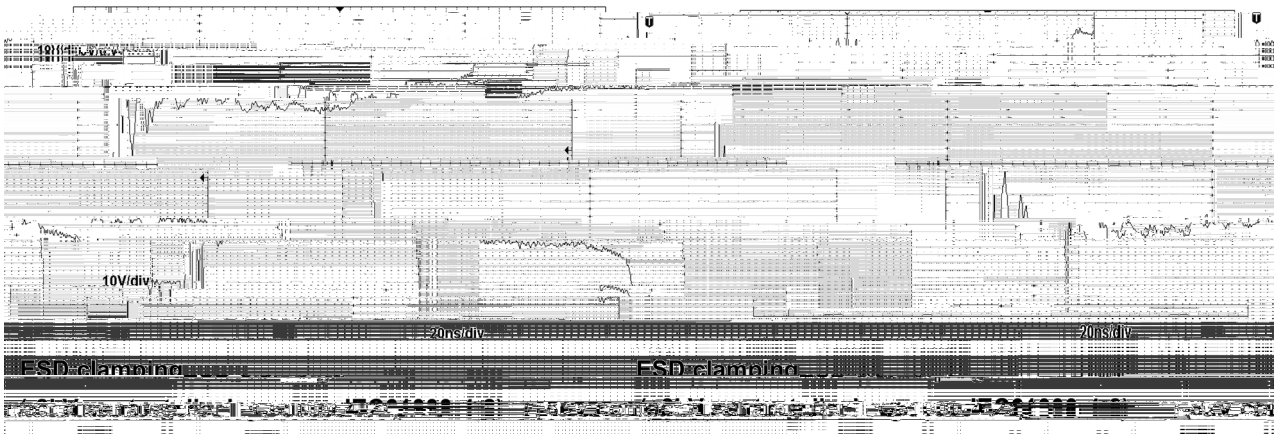




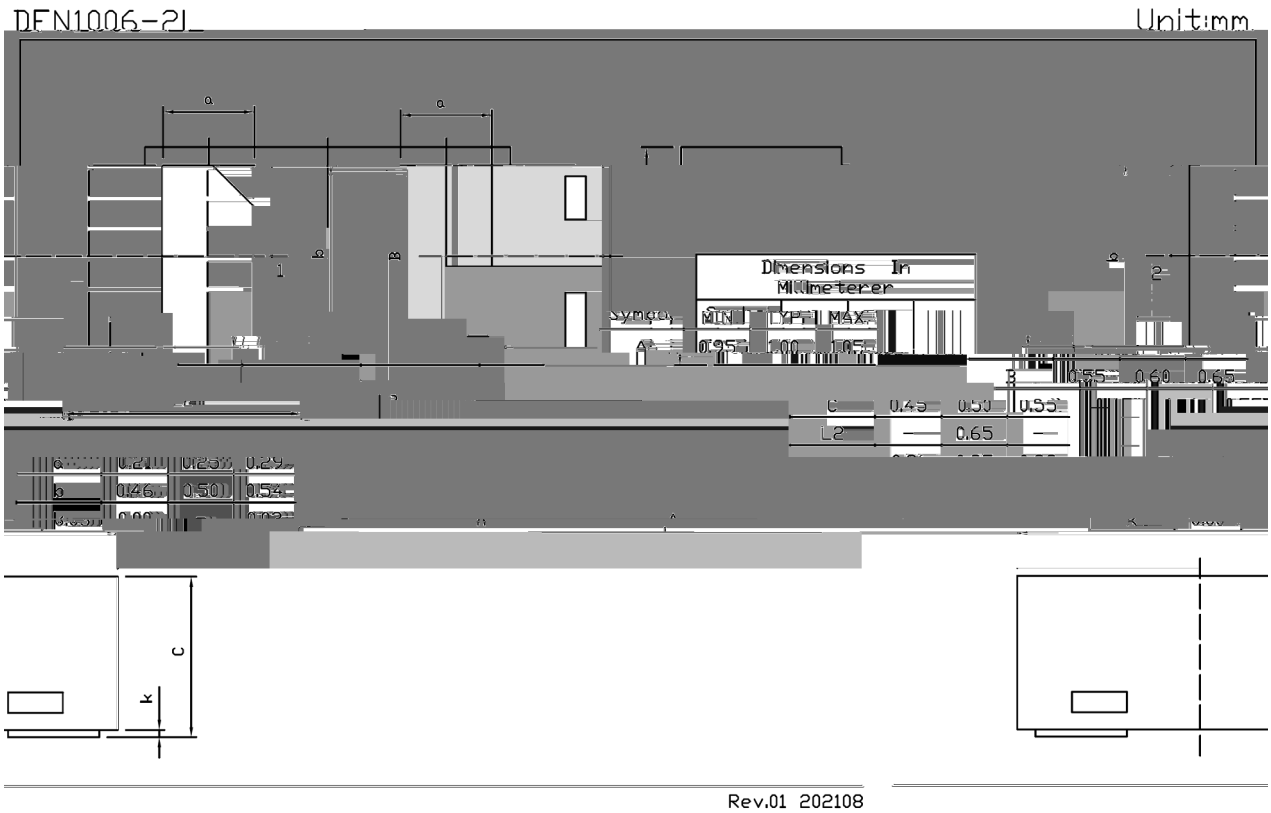


r derating vs. Ambient temperature Non-repetitive peak pulse power vs. Pulse time Powe

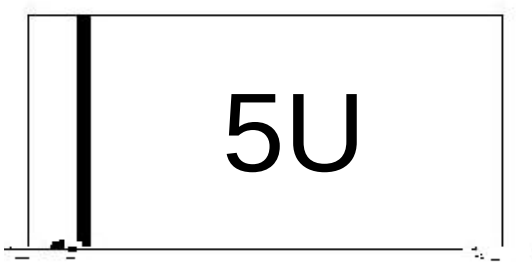
/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions



/ Marking Instructions

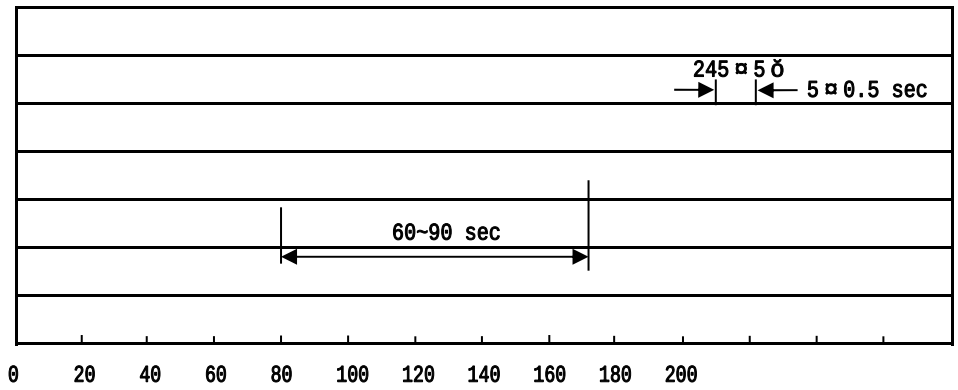


5U

Note

5U	Product Type Code

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



					Note:	
1	150	180		60	90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245±5				5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.
3			2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
DFN1006-2L	10,000	10	100,000	6	600,000	7 ×8	180×120×180	390×385×205

/ Notices