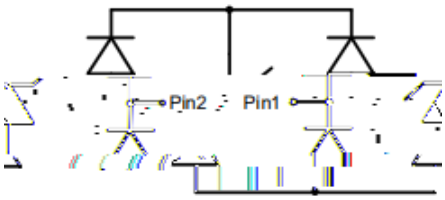
DFN1006-2L Plastic Package 1-Line,Bi-directional , ESD Protection Diode.

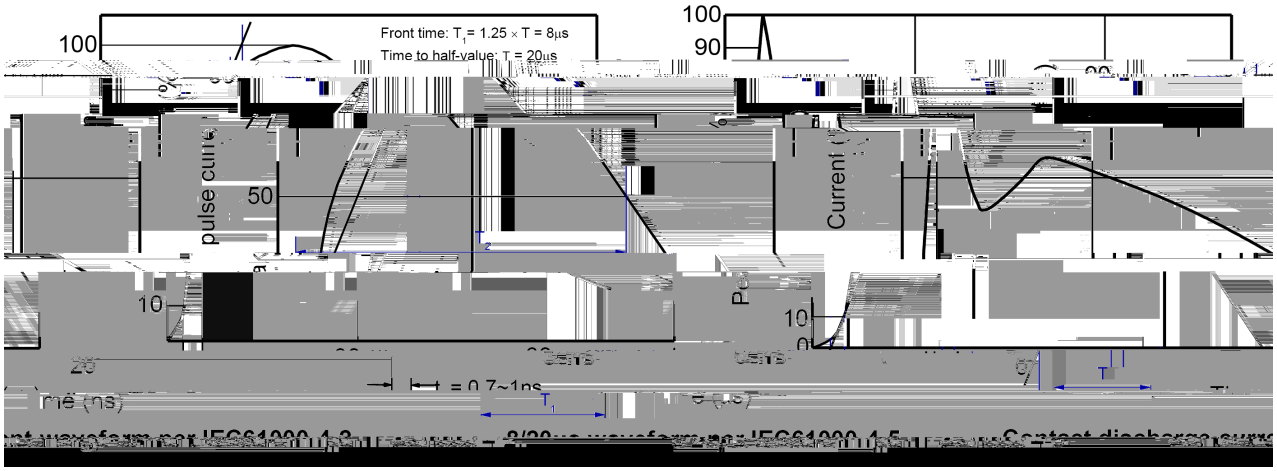
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

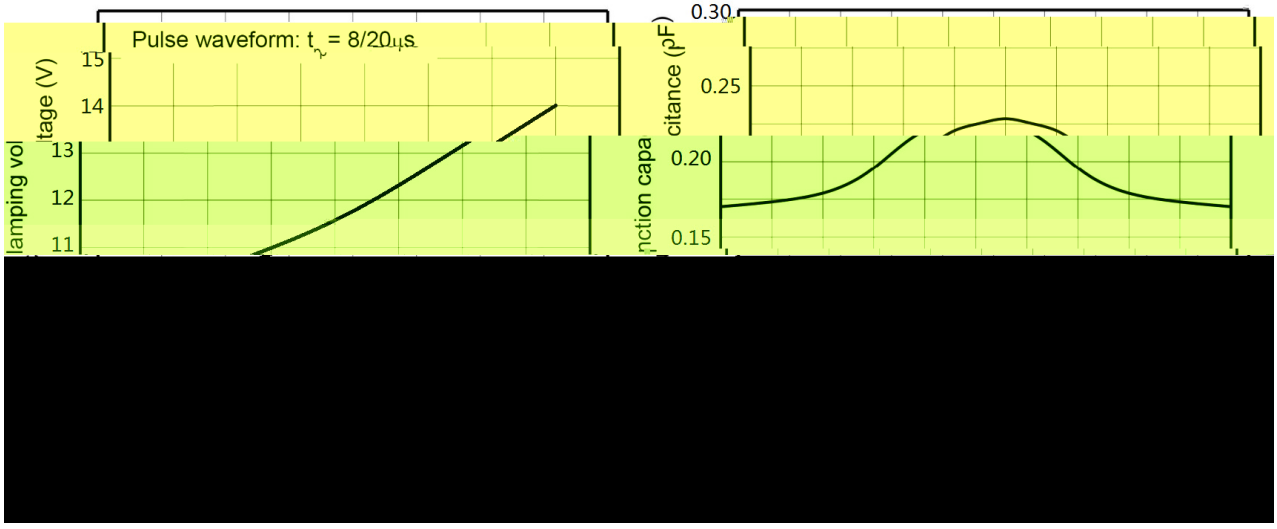


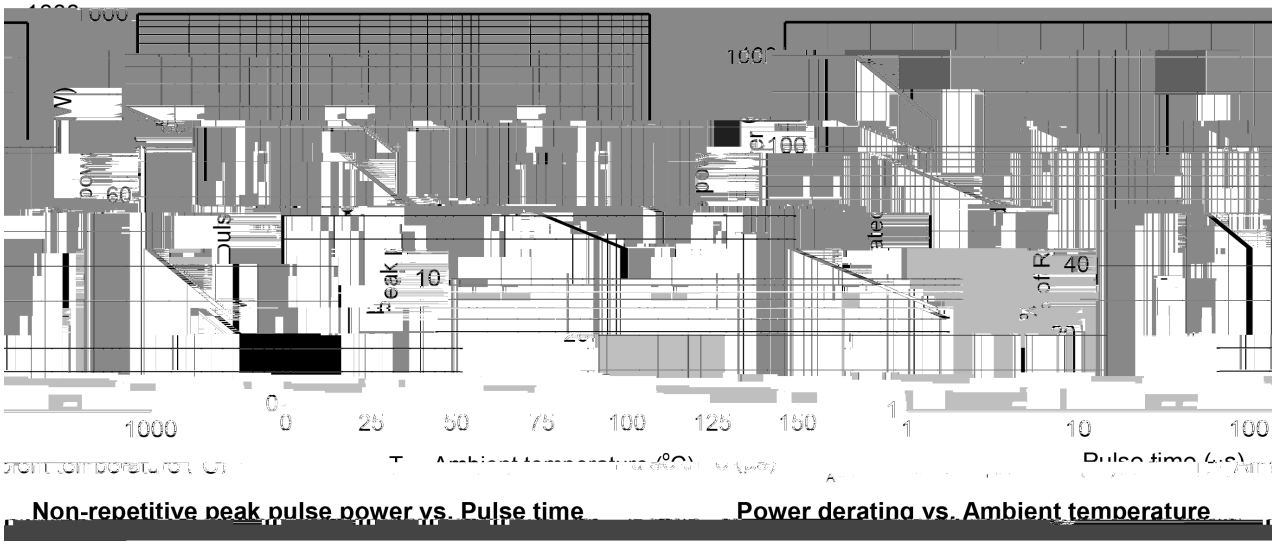


Parameter	Symbol	Rating	Unit
p			
Peak Pulse Current(t_p = 8/20μs)	I_{PP}	4	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	±20	KV
ESD according to IEC61000-4-2 contact discharge		±20	

/ Electrical Characteristic Curve(Ta=25)

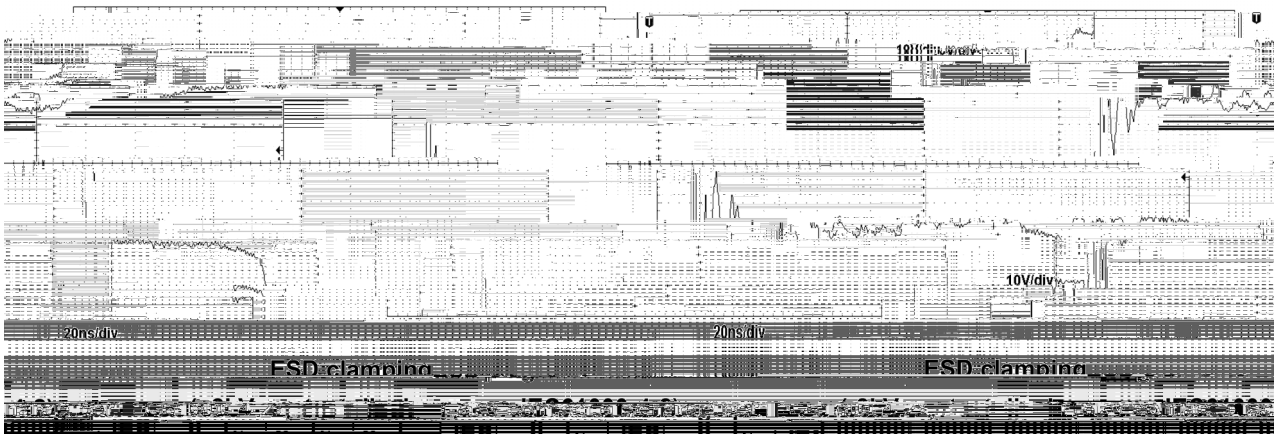




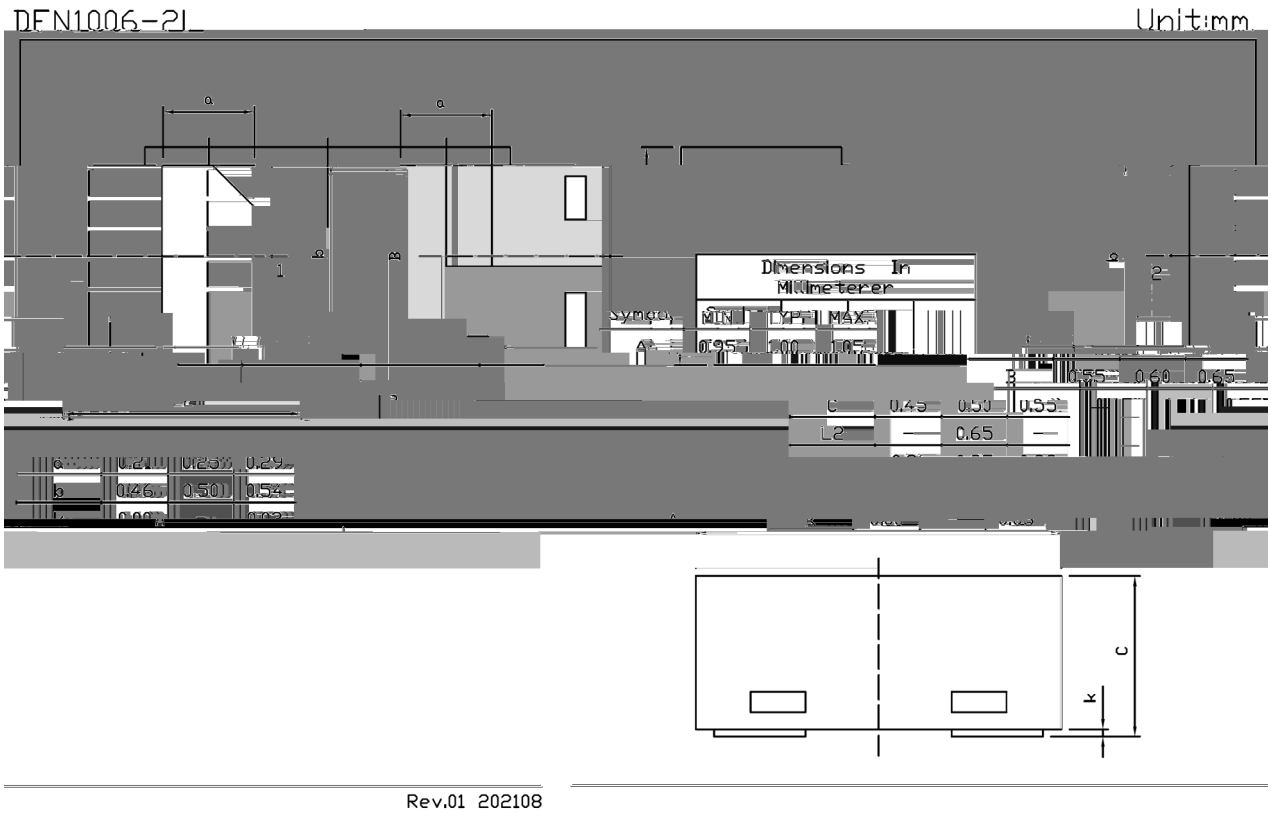


Non-repetitive peak pulse power vs. Pulse time **Power derating vs. Ambient temperature**

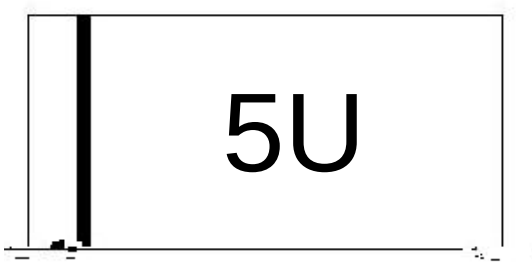
/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions



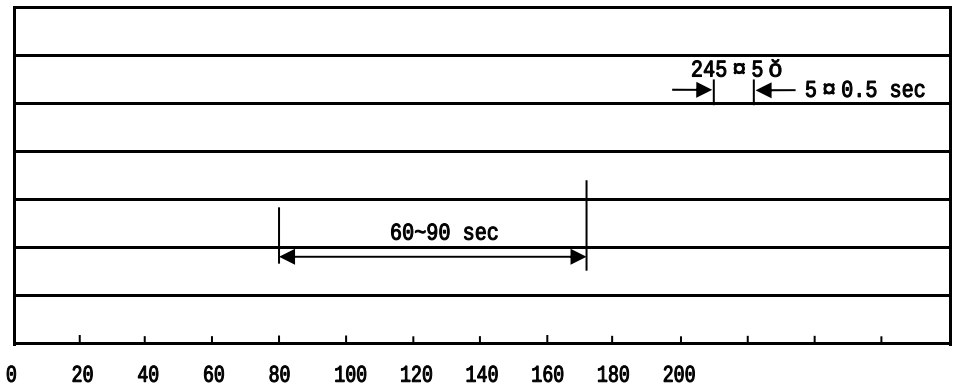
/ Marking Instructions



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