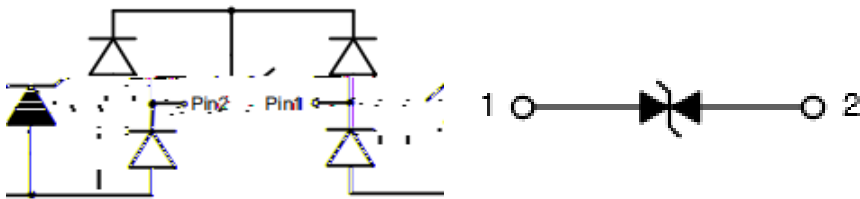


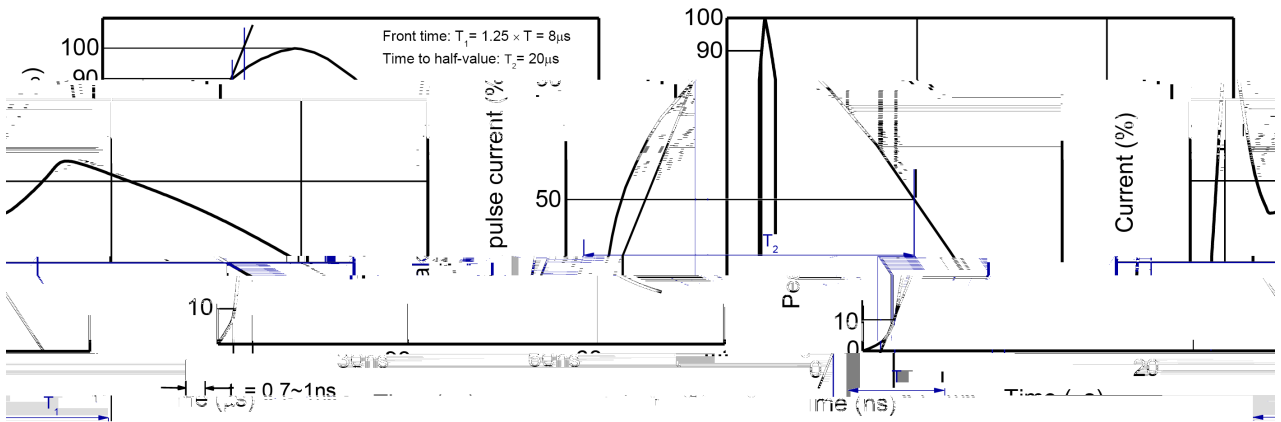
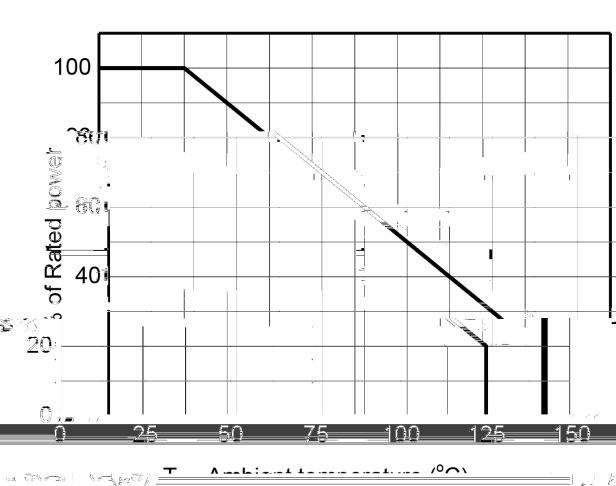
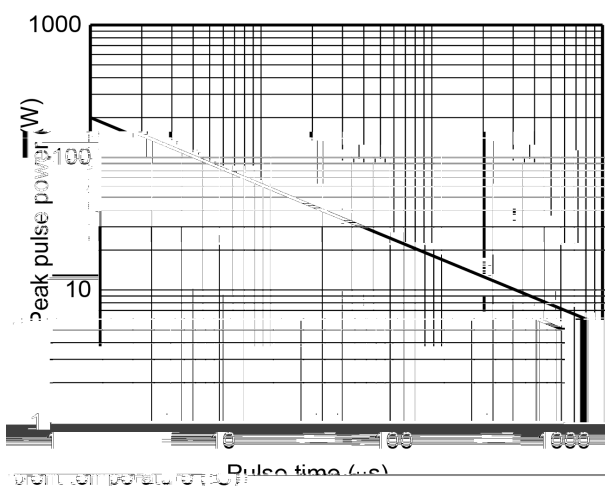
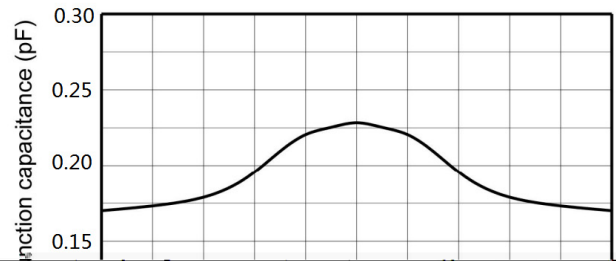
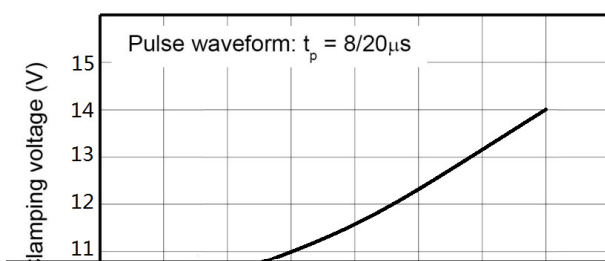
DFN1006-2L Plastic Package 1-Line,Bi-directional , ESD Protection Diode.

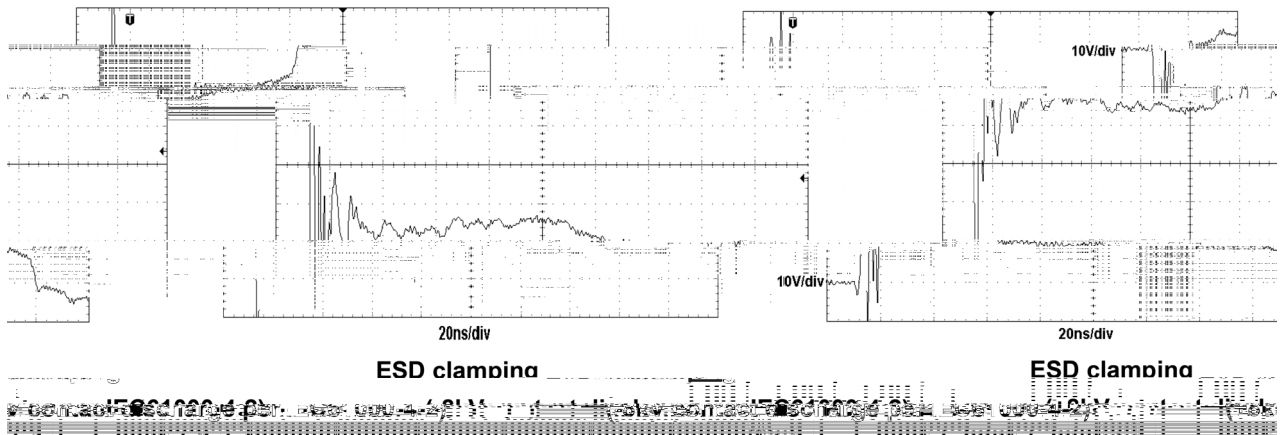
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.



See Marking Instructions.

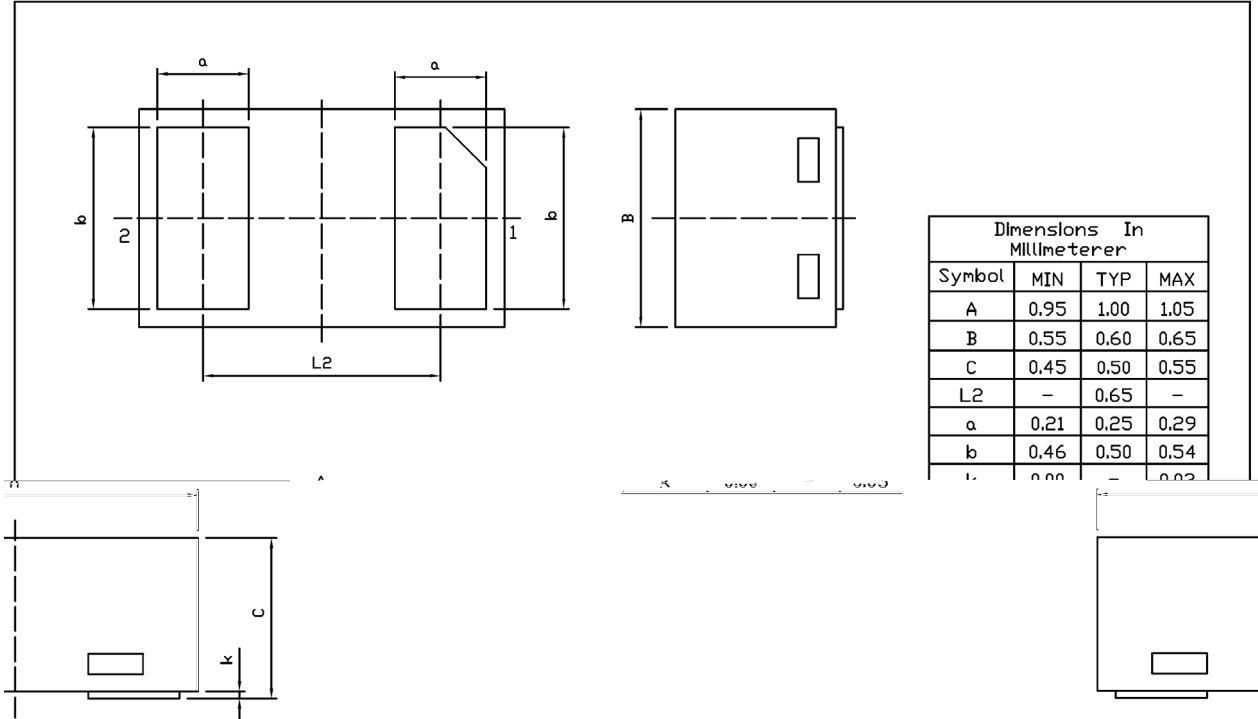
Parameter	Symbol	Rating	Unit
Peak Pulse Power( $t_p = 8/20$ s)	$P_{PK}$	56	W
Peak Pulse Current( $t_p = 8/20$ s)	$I_{PP}$	4	A
ESD according to IEC61000-4-2 air discharge	$V_{ESD}$	$\pm 20$	KV


**8/20μs waveform per IEC61000-4-5**
**Contact discharge current waveform per IEC61000-4-2**

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

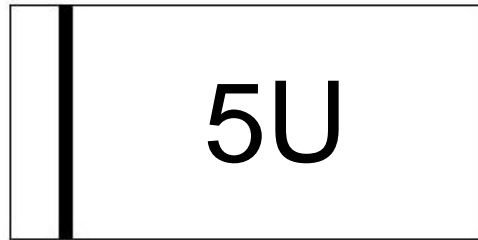


DFN1006-2L

Unit:mm



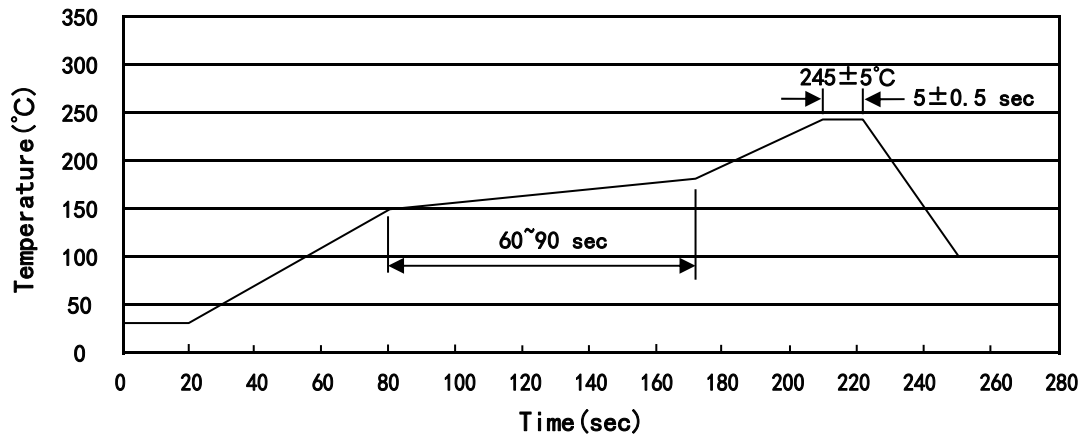
Rev.01 202108



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.            |

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

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	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 x8	180x120x180	390x385x205