

Rev.E Dec.-2024

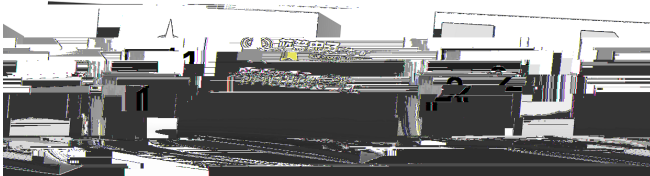
; =E (' ' - \$) C <J;  
DFN1006-2L Plastic Package ESD Protection Diode.

(ej \*' BM @: - (' ' '\$+\$) + <J;

Ultra small package, Response Time is Typically < 1 ns, ESD > 30 kV per Human Body Model,IEC61000 4 2 Level 4 ESD Protection,HF Product.

D G\*

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

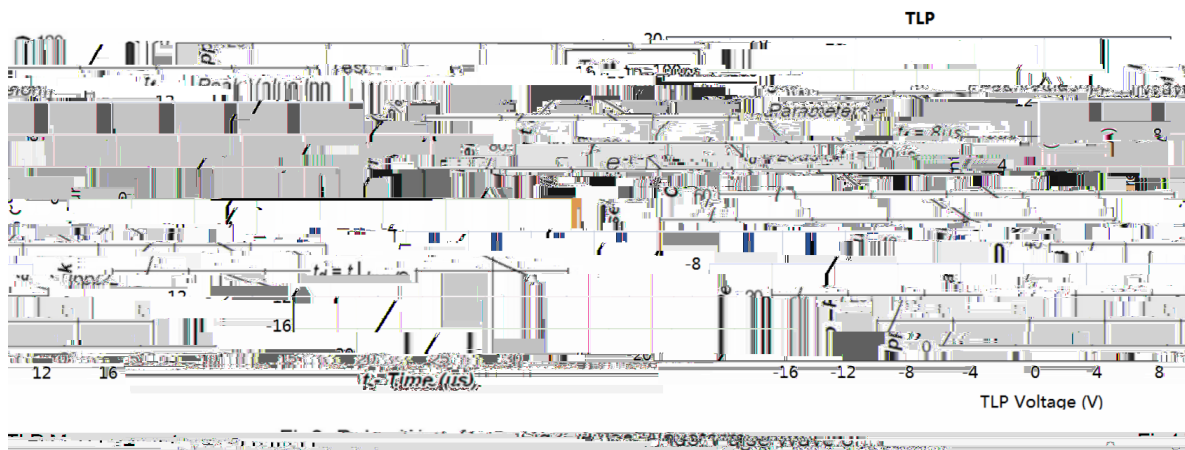
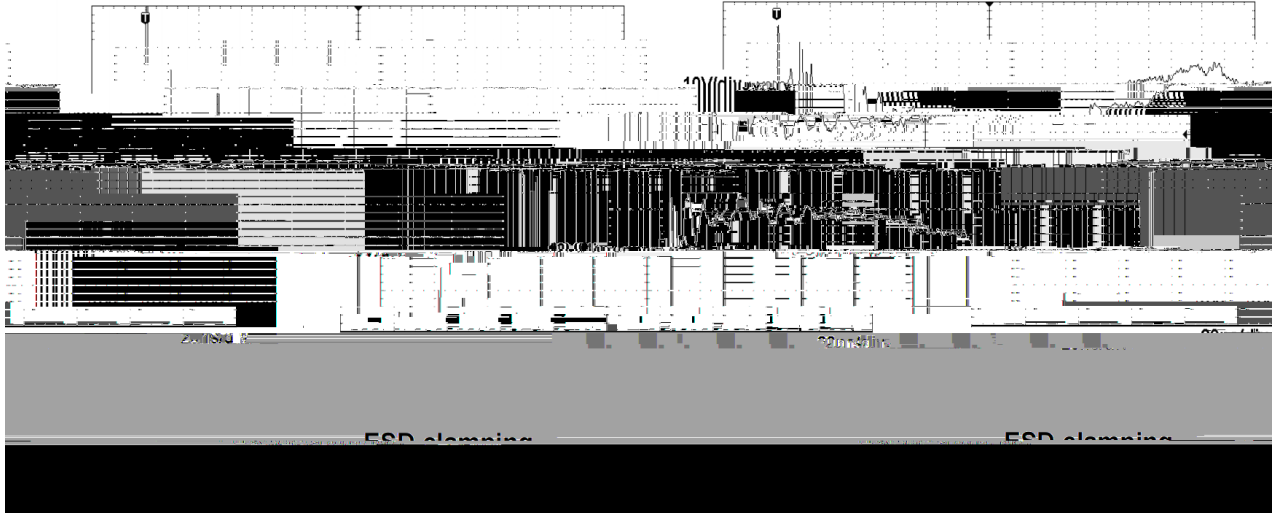


See Marking Instructions.

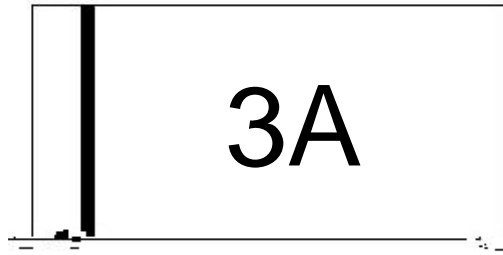
Parameter	Symbol	Rating	Unit
Peak pulse power ( $t_p = 8/20\mu s$ )	$P_K$	69	W
Peak pulse current ( $t_p = 8/20\mu s$ )	$I_{PP}$	5.5	A
ESD according to IEC61000-4-2 air discharge	$V_{ESD}$	$\pm 30$	KV
ESD according to IEC61000-4-2 contact discharge		$\pm 30$	
Junction temperature	$T_J$	150	
Storage temperature	$T_{STG}$	-55~+150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse maximum working voltage	$\hat{A}_V$ Min					









\* 8

Note

3A          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
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/ REEL

Package Type	Units	Dimension	Units/Reel	(units)	Reels/Inner Box	Units/In
		Reel	Inner Box	/Reel	/Box	/In