

/ Descriptions

DFN1610-2L ESD

DFN1610-2L Plastic Package 1-Line,Uni-directional , ESD Protection Diode.

/ Features

1ns

30KV

IEC61000-4-2

4

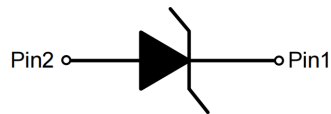
ESD

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

/ Applications

MP3

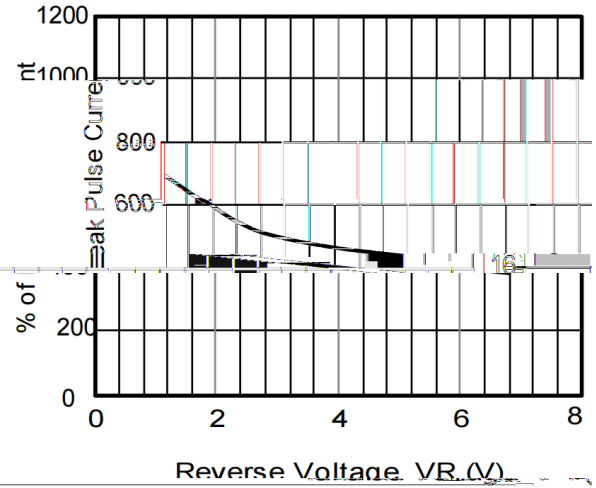
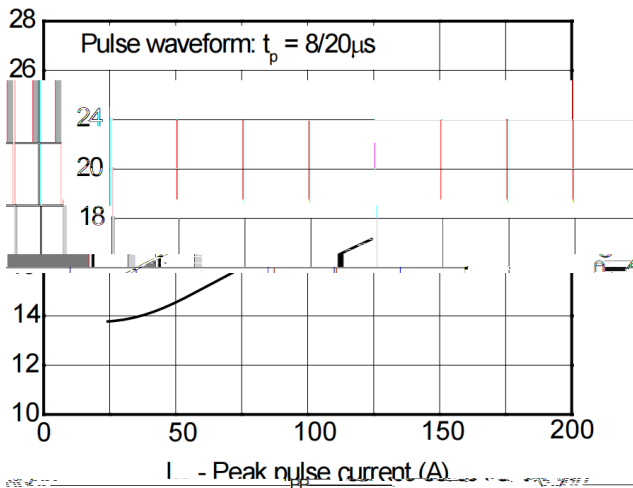
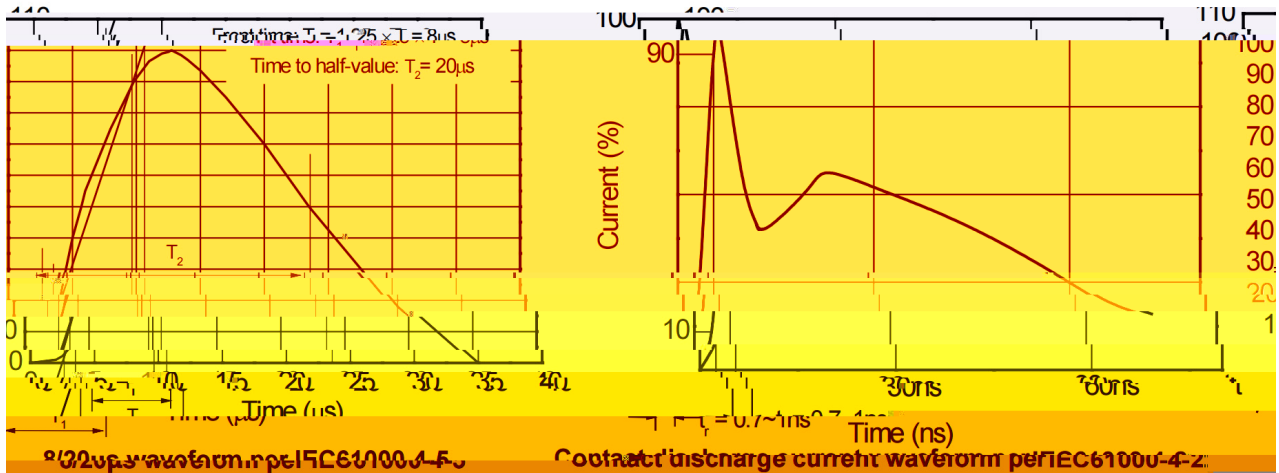
Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

/ Equivalent Circuit**/ Pinning****/ Marking**

See Marking Instructions.

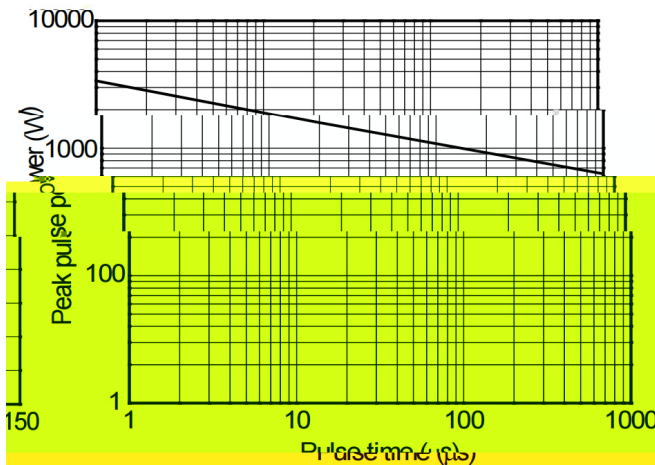
Parameter	Symbol	Rating	Unit
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/ Electrical Characteristic Curve($T_a=25^\circ\text{C}$)



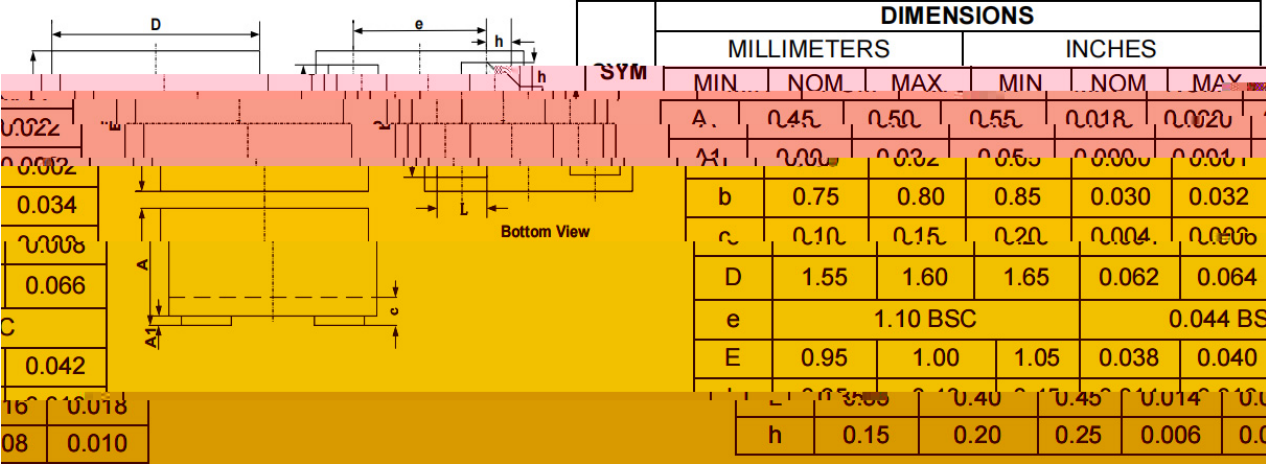
Clamping voltage vs. Peak pulse current

Capacitance vs. Reverse voltage



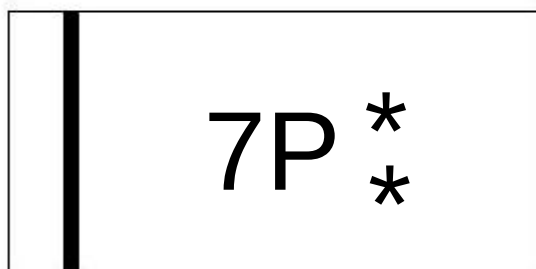
/ Package Dimensions

DFN1610





/ Marking Instructions



7P

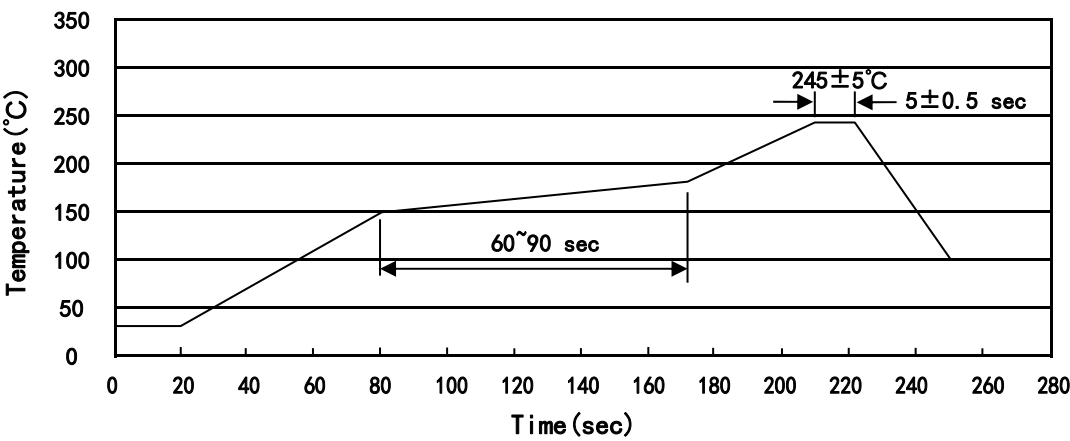
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Note

7P Product Type Code

** Lot No. Code, code change with Lot No

() / 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
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/ Notices