

BRES5V0X1C2ZP

Rev.D Aug.-2025

/ Descriptions

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

/ Features

1ns 20KV IEC61000-4-2 4 ESD

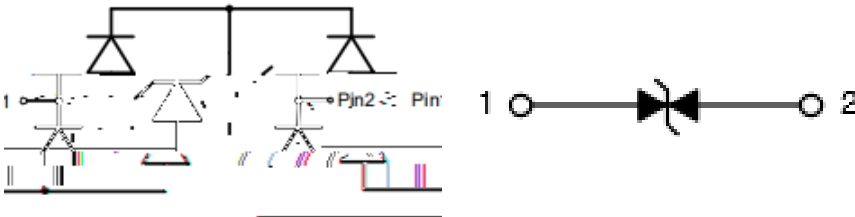
Ultra small package, Response Time is Typically < 1 ns, ESD > 20 kV per Human Body Model,IEC61000-4-2 Level 4 ESD Protection,HF Product.

/ Applications

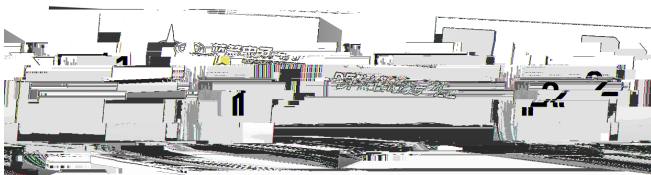
MP3

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

/ Equivalent Circuit



/ Pinning



/ Marking

See Marking Instructions.

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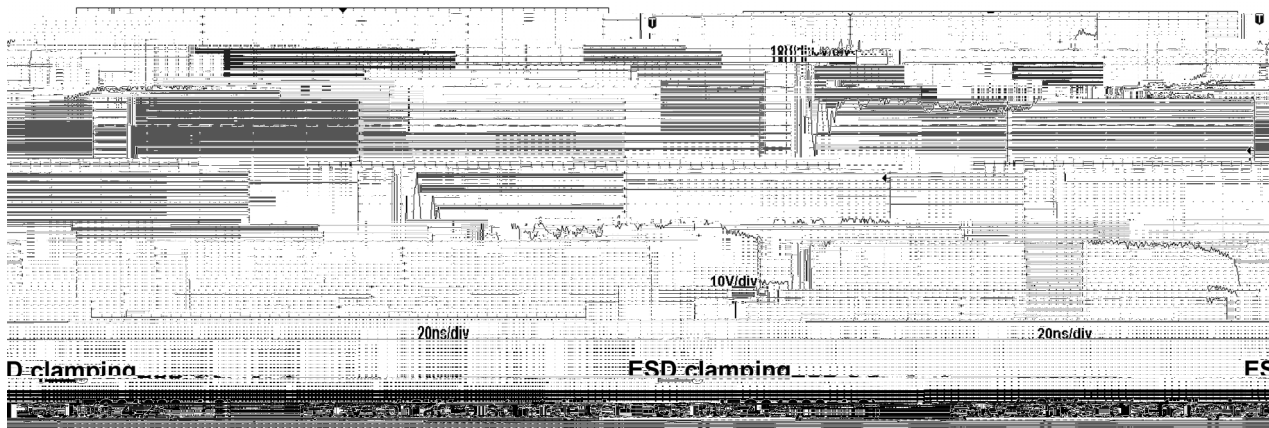


DATA SHEET

Parameter	Symbol	Rating	Unit
Peak Pulse Power($t_p = 8/20\mu s$)	$P_{PKP K}$		

BRESD5V0X1C2ZP

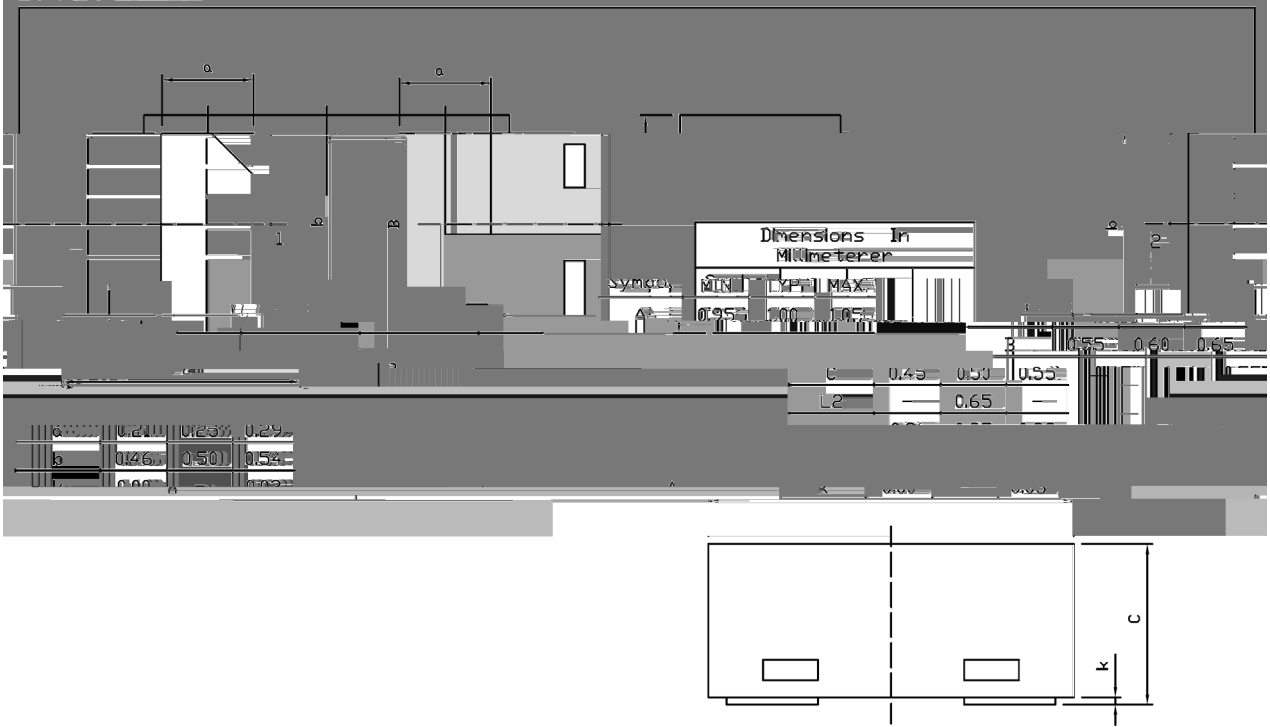
/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions

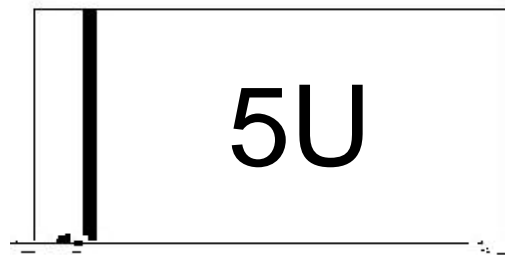
DFN1006-2L

Unit:mm



Rev.01 202108

/ Marking Instructions



5U

Note

5U Product Type Code

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DATA SHEET