

DESCRIPTION

The JEB05BCDF is an ultra low capacitance transient voltage suppressor array, designed to protect computing applications from the damaging effects of electrostatic discharge and electrical fast transients.

FEATURES

- Protects one bi-directional I/O line
- Low clamping voltage
- Low operating voltage:5.0V
- Low leakage current
- Ultra low capacitance
- RoHS compliant

MAIN APPLICATIONS

- USB ports
- Display port
- Wireless communications
- Digital visual interface (DVI)
- Cellular handsets & accessories

PROTECTION SOLUTION TO MEET

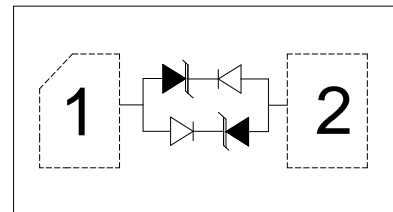
- IEC61000-4-2 (ESD) $\pm 15\text{kV}$ (air), $\pm 8\text{kV}$ (contact)
- IEC61000-4-4 (EFT) 40A (5/50ns)
- IEC61000-4-5 (Lightning) 1A (8/20 μs)

MECHANICAL CHARACTERISTICS

- DFN1006-2L package
- Molding compound flammability rating : UL 94V-0
- Quantity per reel : 10,000pcs
- Lead finish : lead free
- Marking code:T5



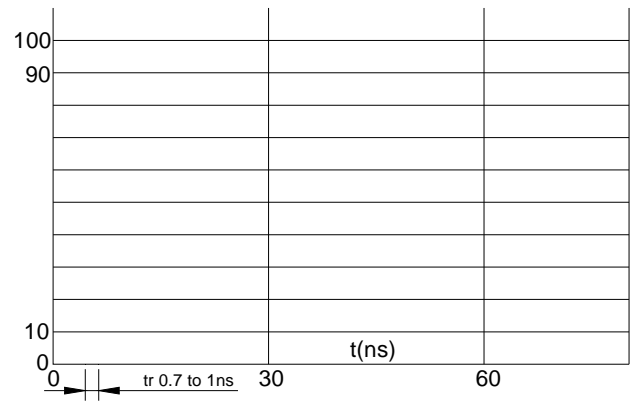
DFN1006-2L(Bottom view)



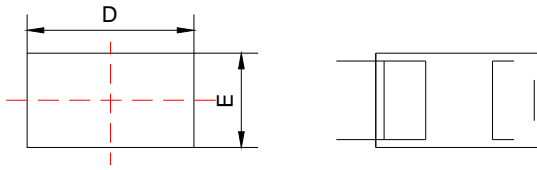
Pin Configuration(Top view)

ABSOLUTE MAXIMUM RATINGS (T_A=25°C, RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
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PACKAGE MECHANICAL DATA



MARKING CODE

Part Number	Marking Code
JEB05BCDF	<div style="border: 1px solid black; width: 150px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> T5 </div>


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