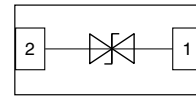
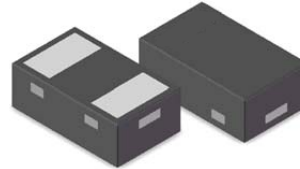


**9G8 `DfchYW]cb`8 ]cXY`]b`DFN1006**

**: YUi fYg**

- 320Watts peak pulse power (tp = 8/20us)
- DFN1006 package
- Bidirectional configurations
- Solid-state silicon-avalanche technology
- Low clamping voltage
- Low leakage current
- Medium capacitance (CJ=25pF typ.)
- Protection one data/power line to:
  - IEC 61000-4-2 ±30kV contact ±30kV air
  - IEC 61000-4-4 (EFT) 40A (5/50ns)
  - IEC 61000-4-5 (Lightning) 10A (8/20µs)



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ŠæÁ^LÜ[ PÜ&[ ] |æ ç Halogen free
- **Ac`X]b[ `7 ca dci bX: `Ua a UW] ]miFU]b[ .**  
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- **Hyfa ]bUg.** Pã @Ä{ ] ^!æ :^Á[ |â!â \* Á` ææ ç^âÁ  
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**Applications**

- Cellular Handsets & Accessories
- Personal Digital Assistants (PDAs)
- Notebooks & Handhelds
- Portable Instrumentation

**5Vgc`i hY`AU ]a i a `FU]b[ g**

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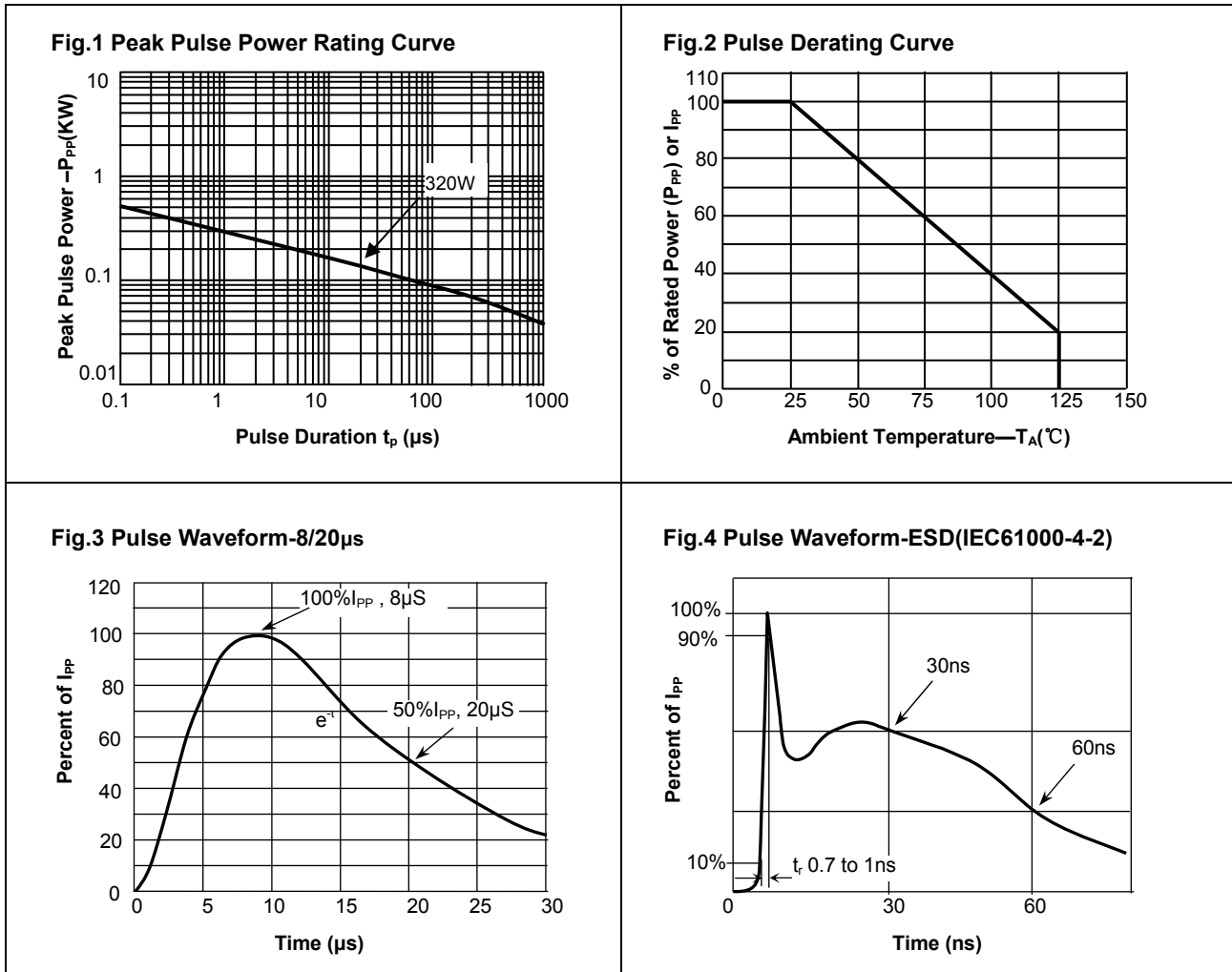
Parameter	Symbol	Value	Unit
Peak Pulse Power (TP=8/20µS)	P <sub>PP</sub>	320	W
ESD contact/air discharge (IEC-61000-4-2)	V <sub>ESD</sub>	30/30	kV
Peak Pulse Current ( tp = 8/20µS )	I <sub>PP</sub>	10	A
Junction Temperature	T <sub>J</sub>	-55 to +125	°C
Storage temperature	T <sub>STG</sub>	-55 to +150	°C

**Electrical Characteristics**

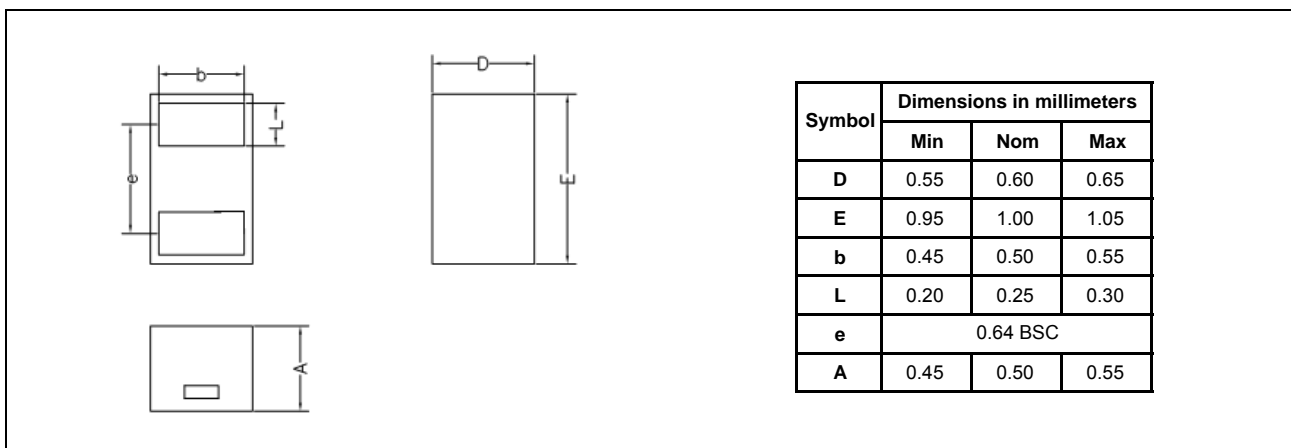
(T<sub>A</sub> = 25 °C unless otherwise specified)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Reverse stand-off Voltage	V <sub>RWM</sub>				15.0	V
Reverse Breakdown Voltage	V <sub>BR</sub>	I <sub>T</sub> =1mA	16.7			V
Reverse Leakage Current	I <sub>R</sub>	V <sub>R</sub> =15V			0.5	uA
Clamping Voltage (IEC 61000-4-5)	V <sub>C</sub>	I <sub>PP</sub> =10A			32	V
Junction Capacitance	C <sub>J</sub>	V <sub>R</sub> =0V, f=1MHz		25		pF

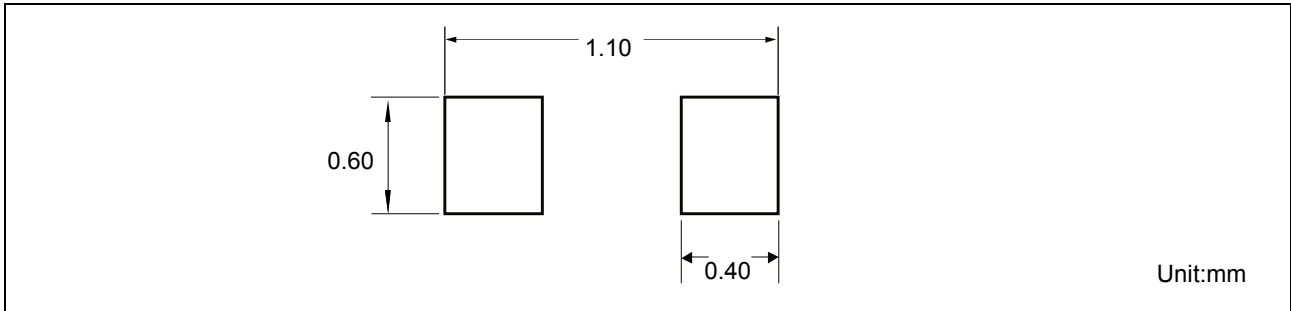
## Typical Characteristics ( $T_{amb} = 25\text{ }^{\circ}\text{C}$ unless otherwise specified)



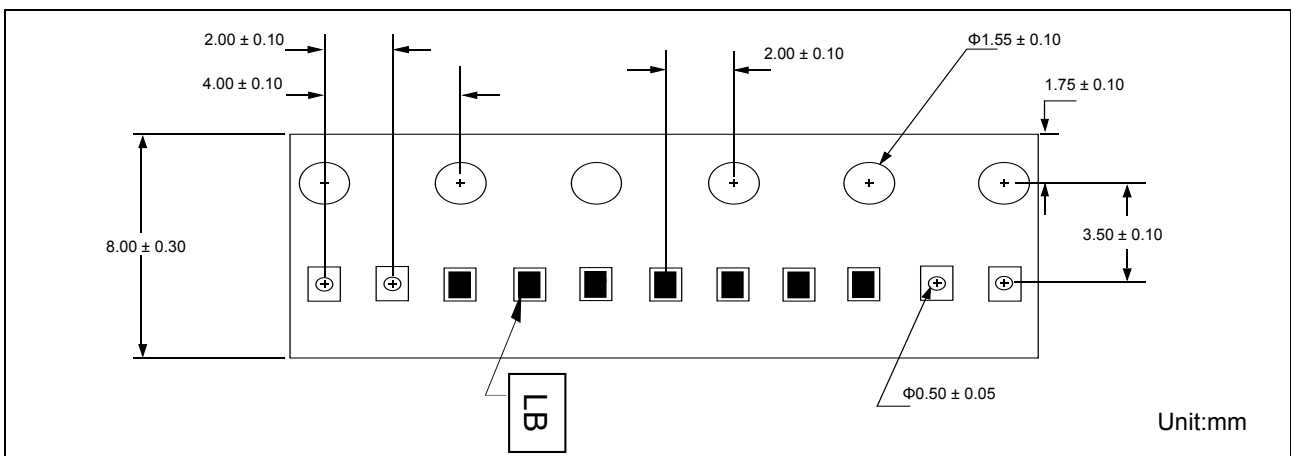
## Package Dimensions



## Pad Dimensions



## Tape and Reel Specification



## Marking



## Ordering information

Order code	Package	Packaging option	Base quantity	Packaging specification
CESD1006NC15VB	DFN1006	Tape and reel	10000pcs / reel	EIA STD RS-481

## Revision history

Date	Revision	Changes
23-May-2016	1.0	Initial release

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