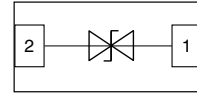
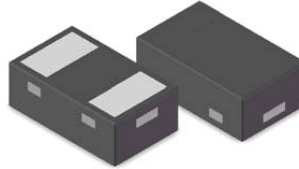


9G8'DfchYW]cb'8]cXY]b'DFN1006

: YUi fYg

- 240Watts peak pulse power (tp = 8/20us)
- DFN1006 package
- Bidirectional configurations
- Solid-state silicon-avalanche technology
- Low clamping voltage
- Low leakage current
- Medium capacitance (CJ=20pF typ.)
- Protection one data/power line to:
 - IEC 61000-4-2 ±8kV contact ±15kV air
 - IEC 61000-4-4 (EFT) 40A (5/50ns)
 - IEC 61000-4-5 (Lightning) 6A (8/20µs)



A YW Ub]WU'8 UU

- 7 UgY. DFN1006 (plastic package).
Lead free; RoHS compliant
- Ac`X]b[`7 ca dci bX': `Ua a UW]]miFU]b[.
UL 94 V-0
- HYfa]bUg. High temperature soldering guaranteed:
260 °C/10 sec. at terminals

Applications

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

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

Ratings at 25 °C, ambient temperature unless otherwise specified

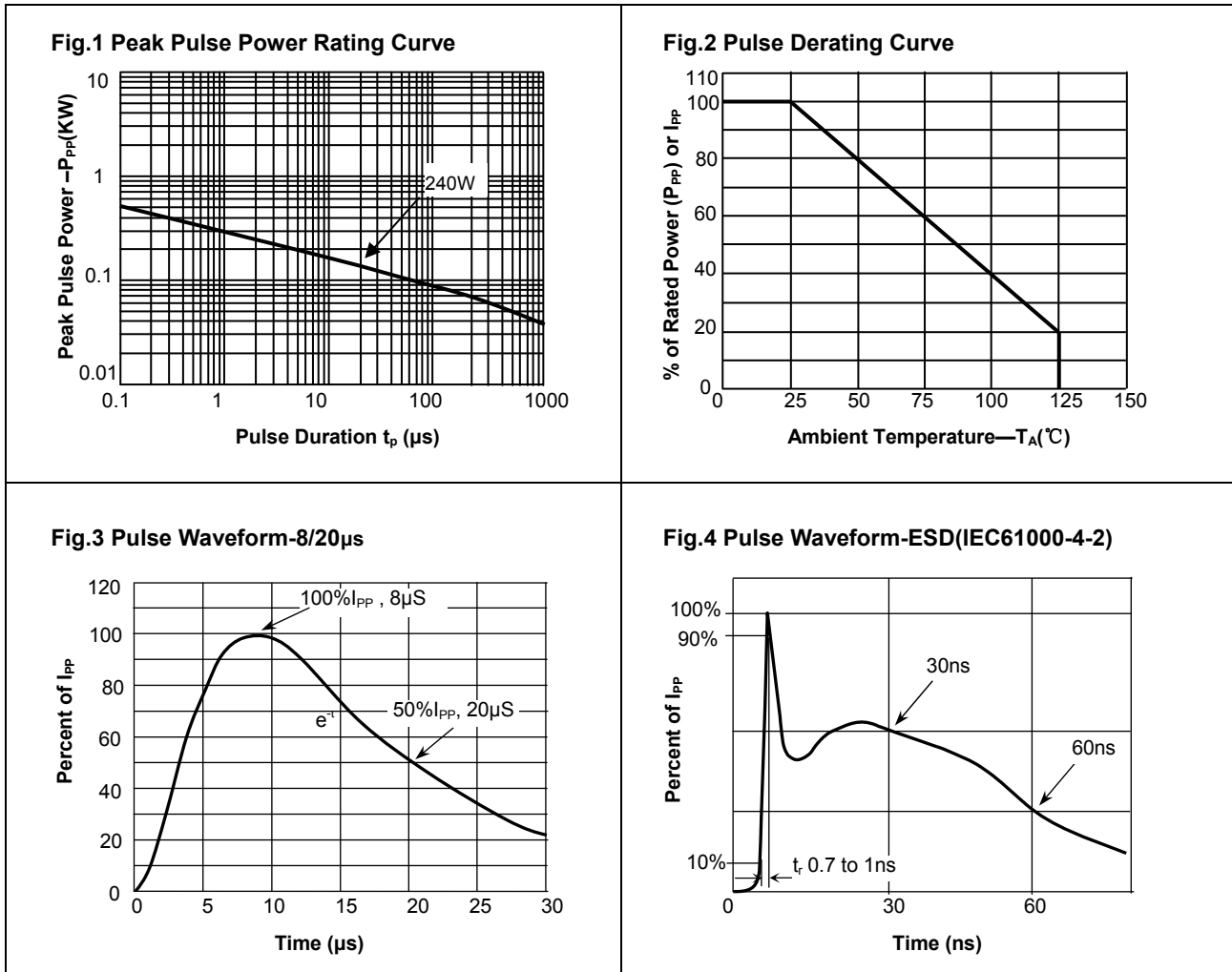
Parameter	Symbol	Value	Unit
Peak Pulse Power (TP=8/20µS)	PP	240	W
ESD contact/air discharge (IEC-61000-4-2)	VESD	8/15	kV
Peak Pulse Current (tp = 8/20µS)	IPP	6	A
Junction Temperature	TJ	-55 to +125	°C
Storage temperature	TSTG	-55 to +150	°C

Electrical Characteristics

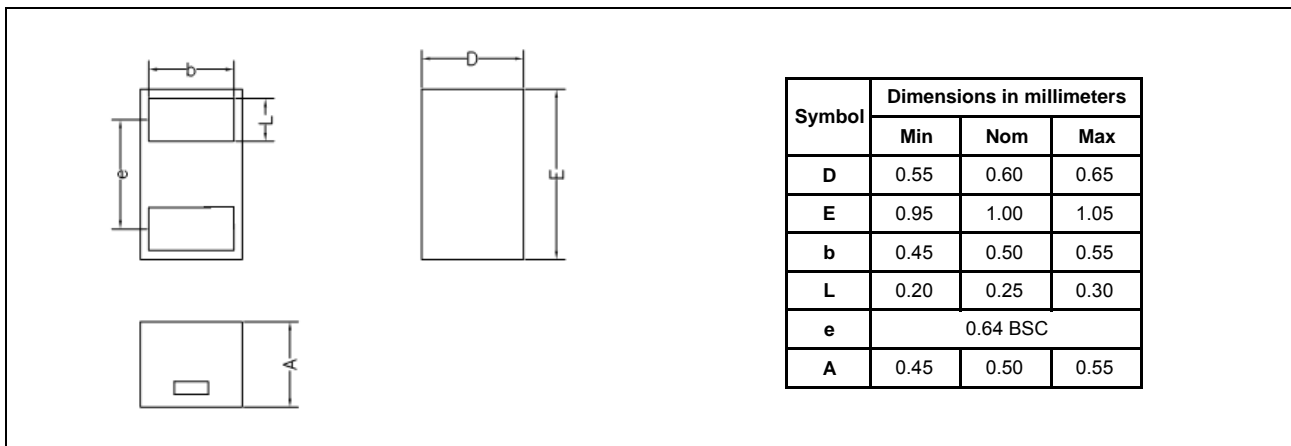
(TA = 25 °C unless otherwise specified)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Reverse stand-off Voltage	VRWM				24	V
Reverse Breakdown Voltage	VBR	IT=1mA	26.7			V
Reverse Leakage Current	IR	VR=24V			500	nA
Clamping Voltage (IEC 61000-4-5)	VC	IPP=6A			44	V
Junction Capacitance	CJ	VR=0V, f=1MHz		20	25	pF

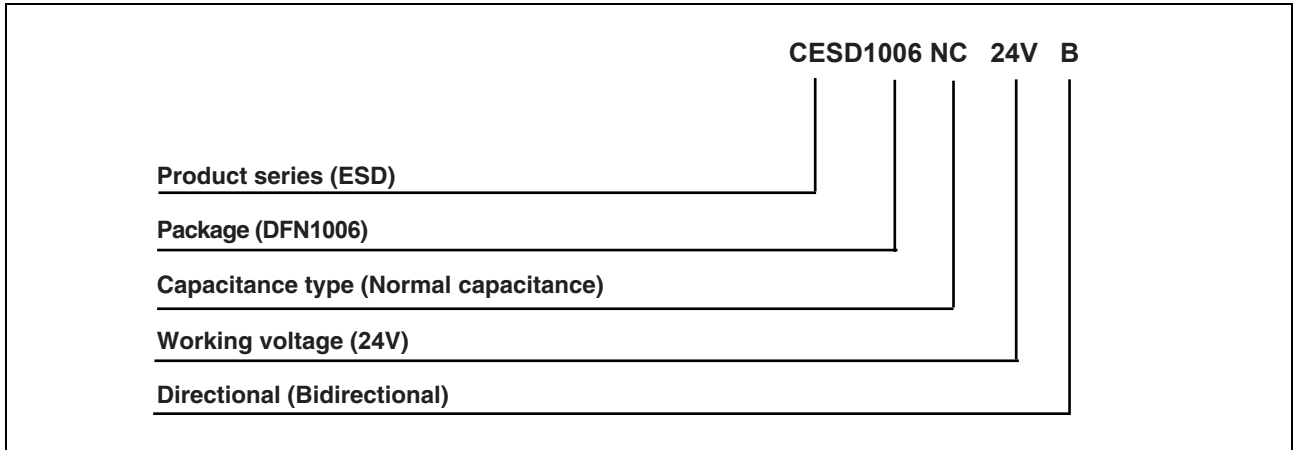
Typical Characteristics ($T_{amb} = 25\text{ }^{\circ}\text{C}$ unless otherwise specified)



Package Dimensions



Part number system



Marking



Ordering information

Order code	Package	Packaging option	Base quantity	Packaging specification
CESD1006NC24VB	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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