



FEATURES

- ◇ 4500 Watts peak pulse power ( $t_P=8/20\mu s$ )
- ◇ Low leakage current
- ◇ Low clamping voltage
- ◇ Solid-state silicon-avalanche technology
- ◇ RoHS compliant

MAIN APPLICATIONS

- ◇ Personal digital assistants (PDA)
- ◇ Microprocessor base equipment
- ◇ Notebooks, desktops, and servers
- ◇

pliant

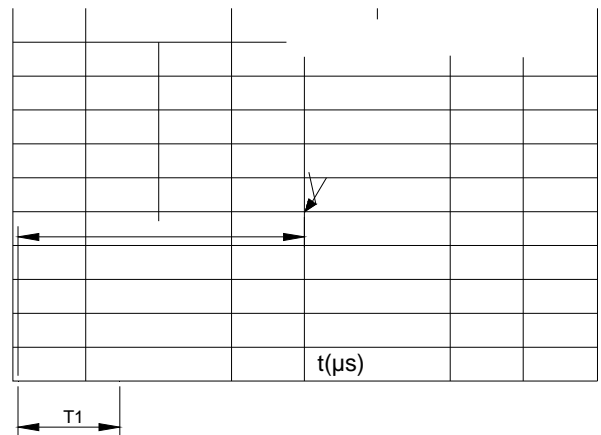
**ABSOLUTE MAXIMUM RATINGS** ( $T_A=25$  , RH=45%-75%, unless otherwise noted)

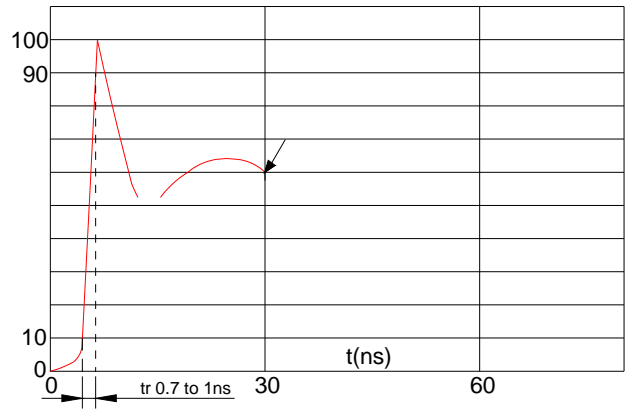
Parameter	Symbol	Value	Unit
Peak pulse power dissipation on 8/20 $\mu$ s waveform	P <sub>PP</sub>	4500	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V <sub>ESD</sub>	+/- 30 +/- 30	kV
Lead soldering temperature	T <sub>L</sub>	260 (10 sec.)	
Operating junction temperature range	T <sub>J</sub>	-55 to +125	
Storage temperature range	T <sub>STG</sub>	-55 to +150	

**ELECTRICAL CHARACTERISTICS** ( $T_A=25$  )

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse working voltage	V <sub>RWM</sub>				15	V
Reverse breakdown voltage	V <sub>BR</sub>	I <sub>T</sub> =1mA	16	17.5	19	V
Reverse leakage current	I <sub>R</sub>	V <sub>RWM</sub> =15V			1	$\mu$ A
Clamping voltage	V <sub>C</sub>	I <sub>PP</sub> =50A, t <sub>p</sub> =8/20 $\mu$ s		22	25	V
		I <sub>PP</sub> =100A, t <sub>p</sub> =8/20 $\mu$ s		25	27	
		I <sub>PP</sub> =150A, t <sub>p</sub> =8/20 $\mu$ s		29	35	
Junction capacitance	C <sub>J</sub>	V <sub>RWM</sub> =0V, f=1MHz		950	1200	pF

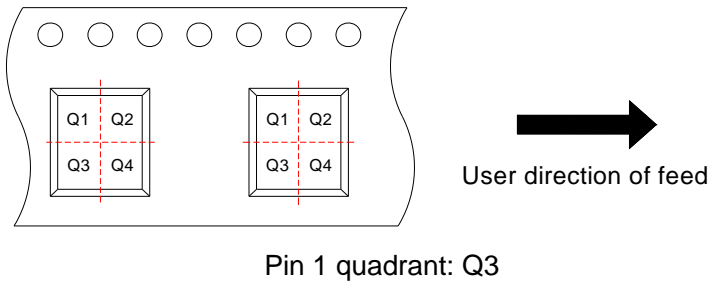
**RATINGS AND V I CHARACTERISTICS CURVES** ( $T_A=25$  , unless otherwise noted)





**JEU15N3** for ESD Protection

TAPE AND REEL INFORMATION DFN2x2 3L



ORDERING INFORMATION

PART No.	PACKAGE TYPE	QUANTITY(PCS) REEL	DESCRIPTION
JEU15N3	DFN2x2-3L	3,000	7 Inch

MARKING CODE

Part Number	Marking Code
JEU15N3	T15 003

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