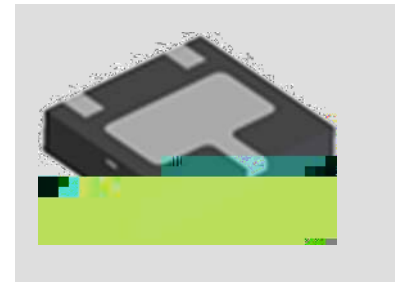




FEATURES

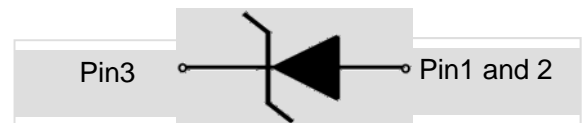
- 6000 Watts peak pulse power dissipation($t_p=8/20\mu s$)
- Low leakage current
- Low clamping voltage
- Solid-state silicon-avalanche technology
- RoHS compliant



DFN2x2-3L

MAIN APPLICATIONS

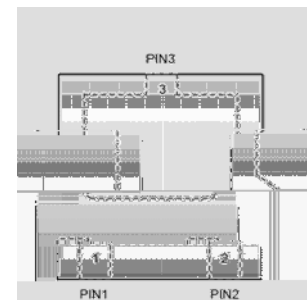
- Power lines
- Personal digit
- Portable electronics
- Peripherals



Circuit Diagram

PROTECTION SOLUTION TO MEET

- IEC61000-4-2 (ESD) $\pm 30kV$ (air), $\pm 30kV$ (contact)
- IEC61000-4-4 (EFT) 40A (5/50ns)
- IEC61000-4-5 (Lightning) 120A (8/20 μs)



Pin Configuration

MECHANICAL CHARACTERISTICS

- DFN2x2-3L package
- Molding compound flammability rating: UL 94V-0
- Quantity per reel: 3,000pcs
- Lead finish: lead free
- Marking code: T24

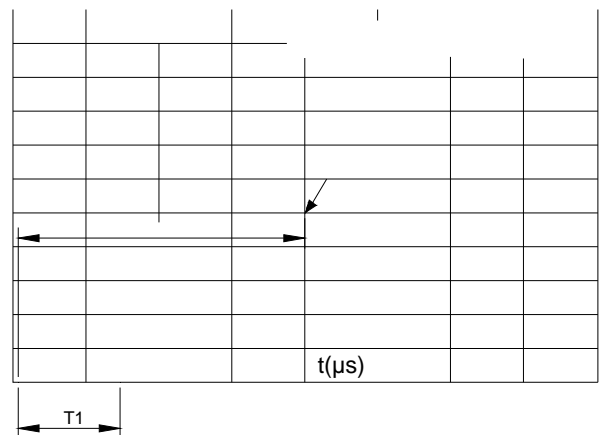
ABSOLUTE MAXIMUM RATINGS ($T_A=25$, RH=45%-75%, unless otherwise noted)

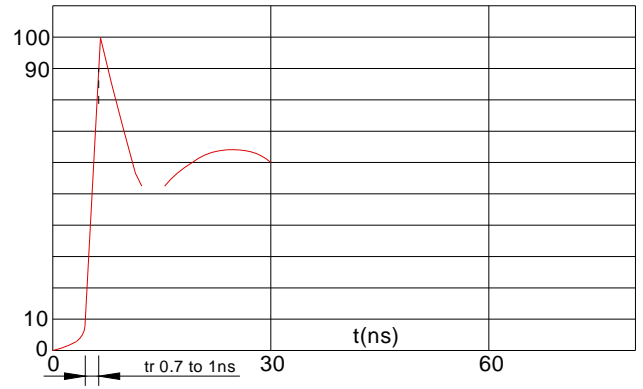
Parameter	Symbol	Value	Unit
Peak pulse power dissipation at 8/20 μ s waveform	P _{PP}	6000	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	+/- 30 +/- 30	kV
Lead soldering temperature	T _L	260 (10 sec.)	
Operating junction temperature range	T _J	-55 to +125	
Storage temperature range	T _{STG}	-55 to +150	

ELECTRICAL CHARACTERISTICS ($T_A=25$)

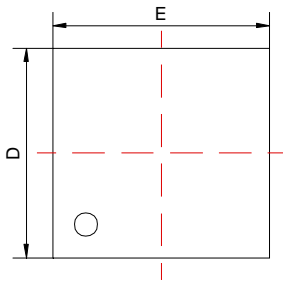
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse working voltage	V _{RWM}				24	V
Reverse breakdown voltage	V _{BR}	I _T =1mA	26	27	30	V
Reverse leakage current	I _R	V _{RWM} =24V			1	μ A
Clamping voltage	V _C	I _{PP} =50A, t _P =8/20 μ s		45	50	V
		I _{PP} =120A, t _P =8/20 μ s		52	60	
Junction capacitance	C _J	V _{RWM} =0V, f=1MHz		750		pF

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

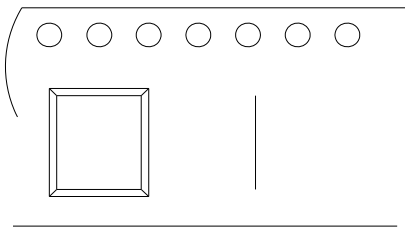




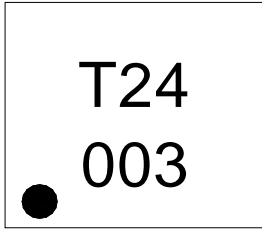
PACKAGE MECHANICAL DATA



TAPE AND REEL INFORMATION-DFN2x2-3L



MARKING CODE

Part Number	Marking Code
JEU24N3-CO	<div style="border: 1px solid black; padding: 10px; text-align: center;">  </div>

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