



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

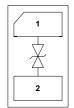
- Ultra low capacitance: 2.6pF typical
- Ultra low operating voltage: 3.3V
- Low clamping voltage
- IEC61000-4-4 (EFT) 40A (5/50ns) I
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Halogen free available upon request by adding suffix "-HF"
- Marking:3X

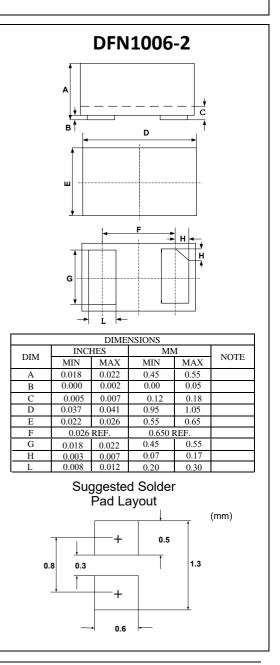
Maximum Ratings

- Junction Temperature: -55°C to +125°C
- StorageTemperature: -55°C to +150°C

Parameter		Symbol	Limits	unit
IEC61000-4-2(ESD)	Contact Air	V_{ESD}	±8 ±15	KV

Circuit and Pin Schematic





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Revision:A

2016/05/20

ESDLC3V3LB

ESD Protection

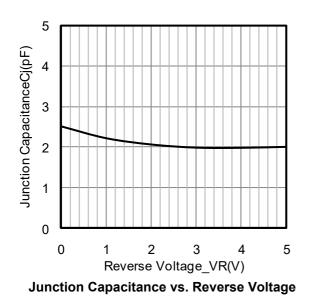
Device

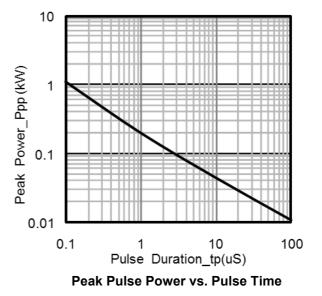


Parameter	Symbol	Min	Тур	Мах	Unit	Test Condition
Reverse Working Voltage	VRWM			3.3	V	Pin 1 to Pin 2 or Pin 2 to Pin 1
Breakdown Voltage	VBR	4.3		6.8	V	IT = 1mA, Pin 1 to Pin 2 or Pin 1 to Pin 2
Reverse Leakage Current	I _R			100	nA	VRWM = 5V, Pin 1 to Pin 2 or Pin 1 to Pin 2
Clamping Voltage	Vc			11	V	IPP = 1A (8 x 20µs pulse), Pin 1 to Pin 2 or Pin 1 to Pin 2
Junction Capacitance	Сл		2.6	3.1	pF	VR = 0V, f = 1MHz

Electrical Characteristics (T_A=25°C unless otherwise specified)

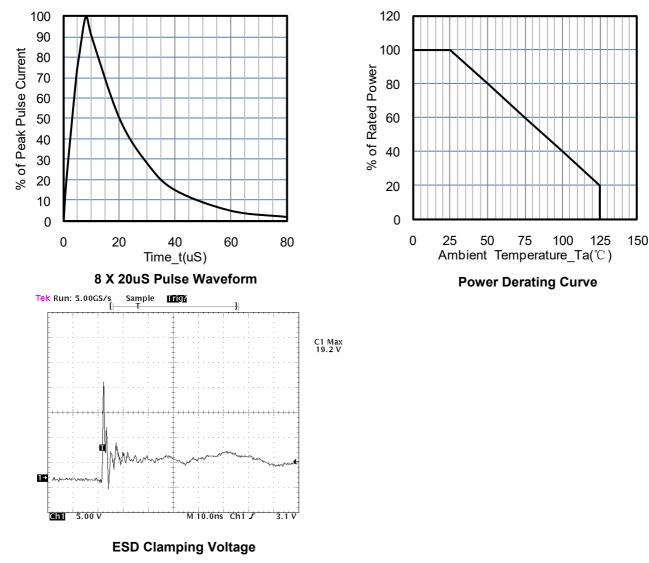
Typical Performance Characteristics (TA=25°C unless otherwise Specified)





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Typical Performance Characteristics (T_A=25°C unless otherwise Specified)

8 kV Contact per IEC61000-4-2



Ordering Information :

Device	Packing		
Part Number-TP	Tape&Reel: 10Kpcs/Reel		

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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