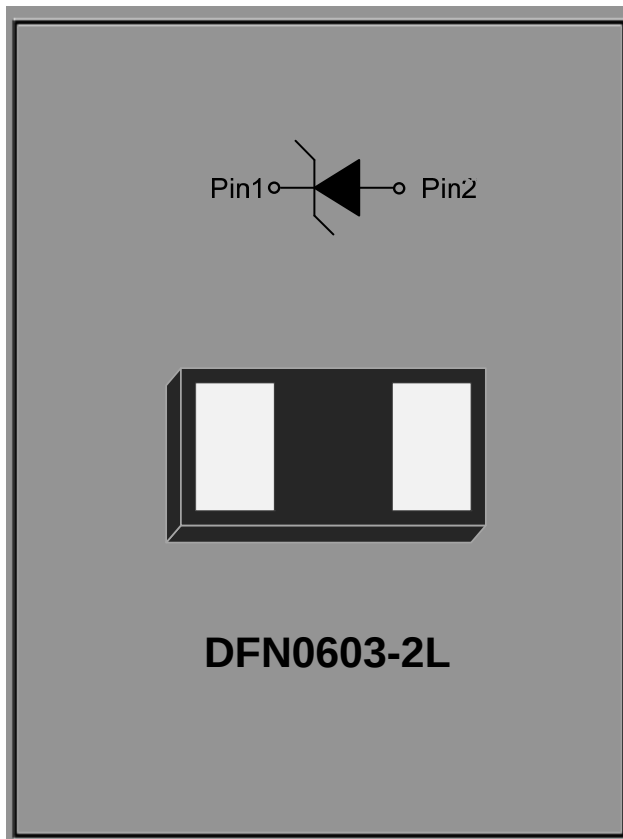


1-Line, Uni-directional, Transient Voltage Suppressor



Features

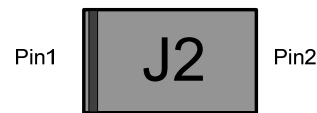
- ✕ Stand-off voltage: 2.1V Max
- ✕ Transient protection for each line according to
 - IEC61000-4-2(ESD): 030kV (contact)
 - IEC61000-4-4 (EFT): 40A (5/50ns)
 - IEC61000-4-5(surge): 22A (8/20>s)
- ✕ Low leakage current
- ✕ Low clamping voltage
- ✕ Low clamping voltage:
 - $V_{CL} = 4.5V$ typ. @ $I_{PP} = 16A$ (TLP)
- ✕ RoHS Compliant

Applications

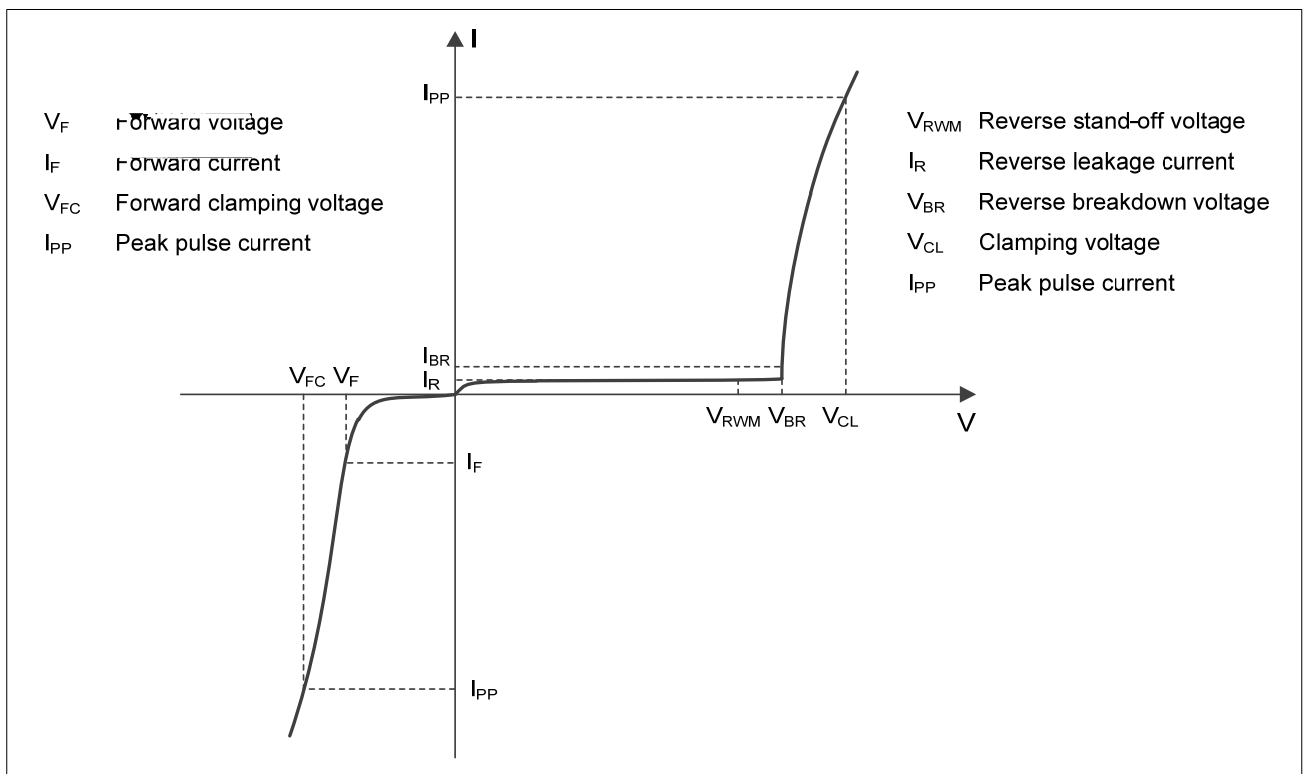
- ✕ Power supply protection
- ✕ Power management

Mechanical Data

- ✕ Package: DFN0603-2L
- ✕ Lead Finish: Matte Tin
- ✕ Case Material: 6Green6 Molding Compound
- ✕ Moisture Sensitivity: Level 3 per J-STD-020
- ✕ Marking Information: See Below



Definitions of electrical characteristics



SYMBOL	LIMITS	UNIT
P _{pk}	180	W
I _{PP}	22	A
V _{ESD}	±30	kV
	±30	
T _J	125	°C
T _{OP}	-40~85	°C
T _{STG}	-55~150	°C

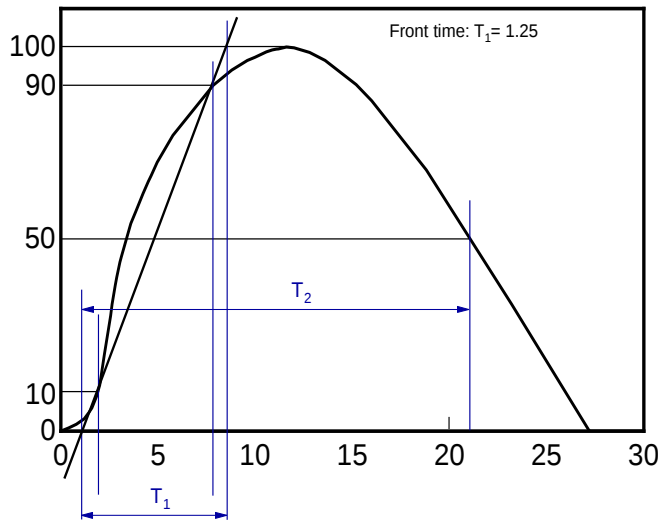
specified

	Conditions	Min	Typ	Max
				2.1 RWM



Ω Characteristics (Typical)

Fig.1 8/20 μ s waveform per IEC61000-4-5





Disclaimer

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