FEATURES

Peak power dissipation 1500W @10 x 1000 us Pulse

Optimized for LAN protection applications

Low profile package with built-in strain relief for surface mounted applications

Low incremental surge resistance, excellent clamping capability

1500W peak pulse power capability with a 10/1000lls wave form, repetition rate (duty cycle): 0.01%

Fast response time: typically less than 1ps from 0 Volts to V(BR) for uni-directional and 5.0ns for bi-directional types

High temperature soldering guaranteed: 250° C/ 10 seconds at terminals

MECHANICAL DATA

Case style:SM & plastic molded

Polarity:color band denotes positive end(cathode) except for bidirectional

Mounting position: any

Parameter Symbol Value Units

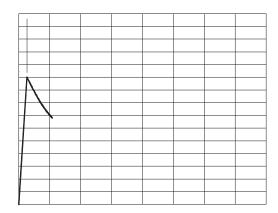
Peak Pulse Power Dissipation on 10/1000 us Waveform (Note 1, 2,

Notes:

- 1. Non-repetitive current pulse, per Fig.3 and derated above TA=25°C per Fig.2.
- 2. Mounted on 5.0x5.0mm2 (0.03mm thick) Copper Pads to each terminal.
- 3. Measured on 8.3ms single half sine-wave, or equivalent square wave, for Unidirectional device only.

9 YVMf] VV GdYVVJZ] VVh] cb (TA=25@25°C unless otherwise specified)

FIG.3 -- PULSE WAVEFORM



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