

TransinK SERIES - TransinK - 25M

(SILICON-AVALANCHE HIGH SURGE DIODES)

Fig. 1 - Peak Pulse Power Rating Curve

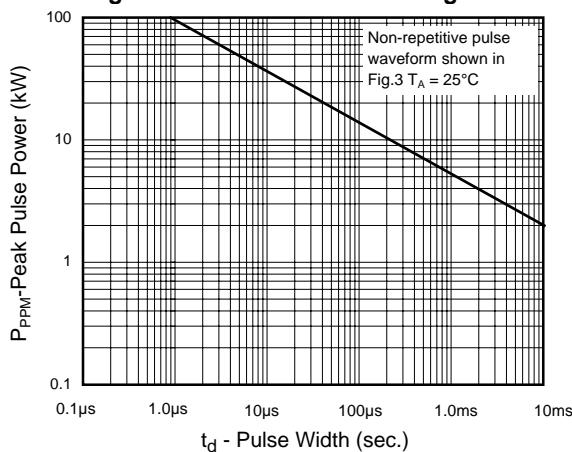


Fig.2 - Pulse Derating Curve

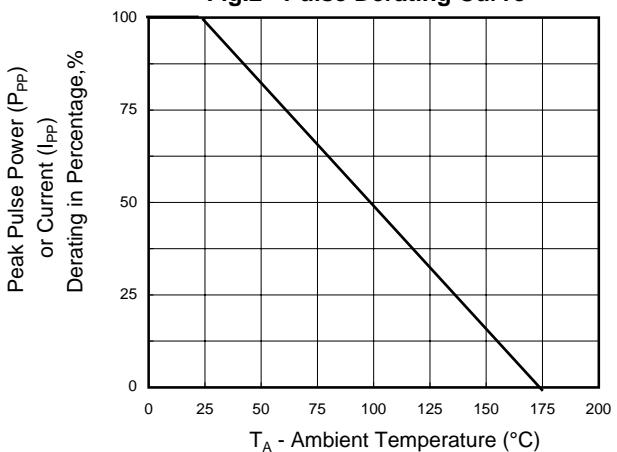
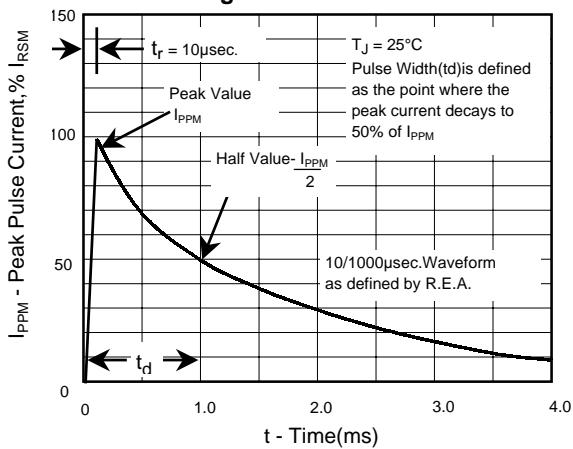
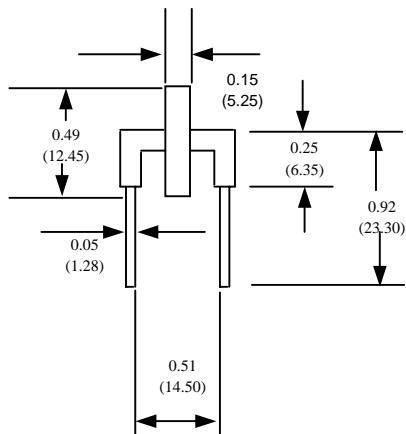


Fig.3 - Pulse Waveform



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Dimensions in inches and (millimeters)

FEATURES

- Glass passivated chip junction
- 1000A surge capability at 8 x 20 μ sec waveform (per IEC-61000-4-5)
- Excellent clamping capability
- Repetition rate (duty cycle) : 0.05 %
- Low incremental surge resistance
- Fast response time : typically less than 1.0 μ s from 0 Volts to BV
- Operation temperature : -40 ~125
- Epoxy encapsulated has Underwriters Laboratory Flammability Classification 94V-0

MECHANICAL DATA

Terminal : Ag Plated Axial leads,solderable per MIL-STD-750,Method 2026

Mounting Position : Any

Weight : 0.088±0.01 ounces (2.497±0.283g)

RATING	SYMBOL	VALUE	UNITS
Breakdown voltage @ IT=1.0 mA	VBr	25±5%	Volt
Clamping Voltage @400A /10x1000 μ sec waveform	VC	34.5 max	Volt
Reverse Leakage @ 21.25V	IR	20 μ (max)	A