

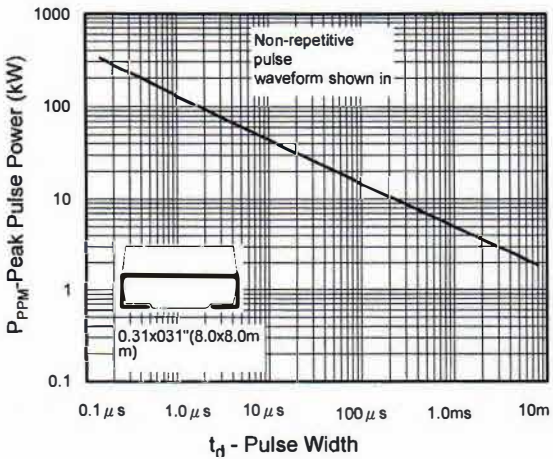




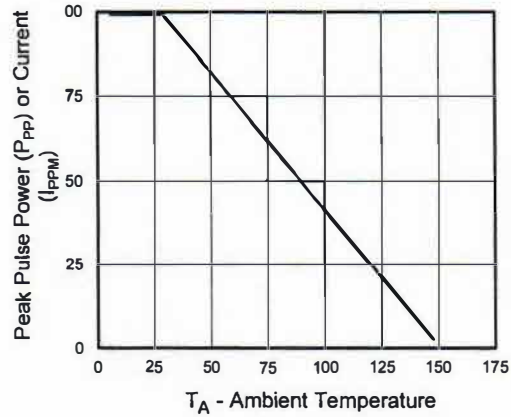
# MDE Semiconductor, Inc.

## RATING AND CHARACTERISTIC CURVES 5.0SMDJ SERIES

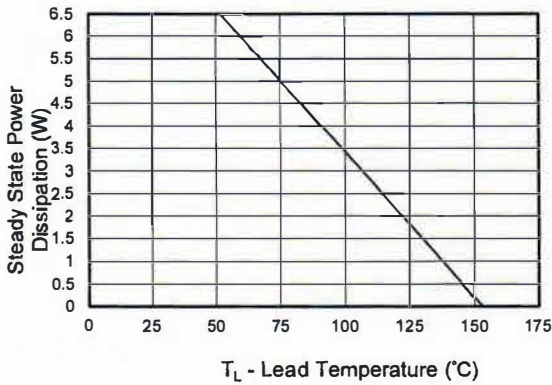
**Fig. 1 - Peak Pulse Power Rating**



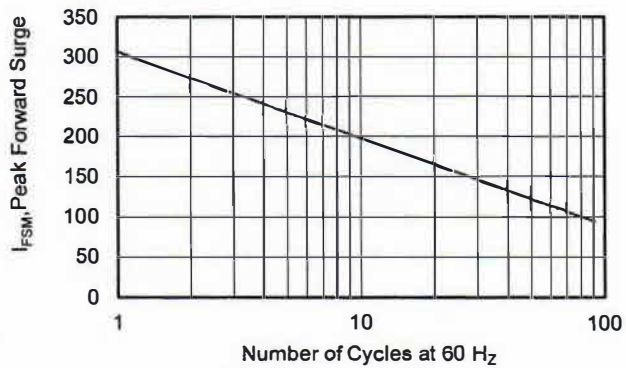
**Fig.2 - Pulse Derating**



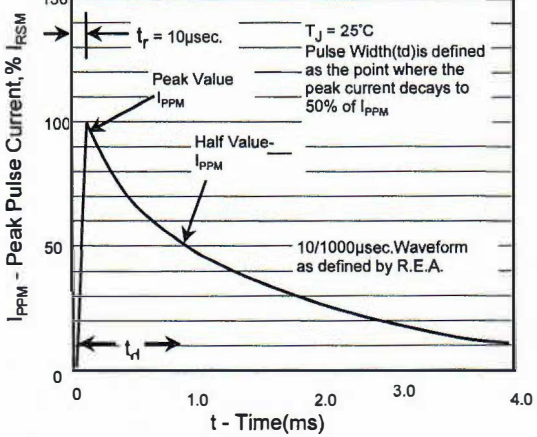
**Fig. 5 - Steady State Power Derating**



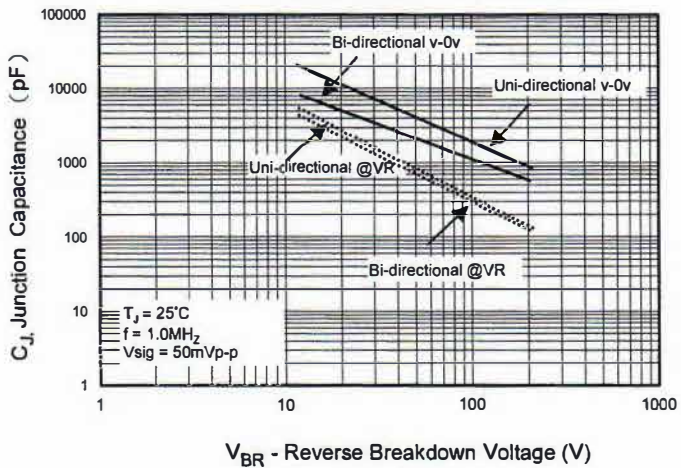
**Fig.6 - Maximum Non-repetitive Forward**



**Fig.3 - Pulse Waveform**



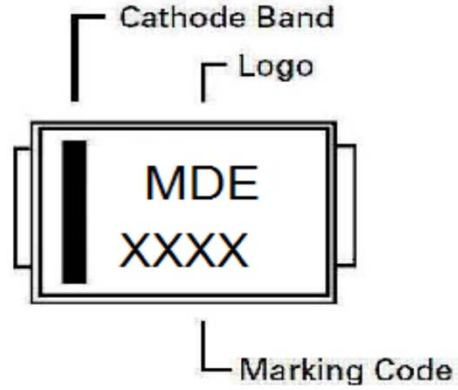
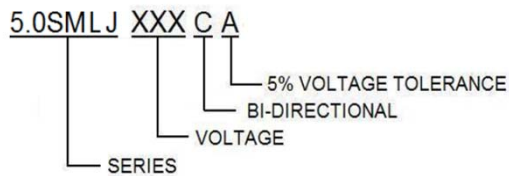
**Fig. 4 - Typical Junction Capacitance**



# **MDE Semiconductor, Inc.**

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## **5.0 SMDJ SERIES SURFACE MOUNT TRANSIENT VOLTAGE SUPPRESSOR VOLTAGE-12.0 TO 15.0 Volts 5000 Watt Peak Pulse Power**



Part number	Component Package	Quantity	Packaging Option	Packaging Specification
5.0SMDJxxxXX	DO-214AB	3000	Tape & Reel - 16mm/13" tape	EIA STD RS-481
5.0SMDJxxxXX	DO-214AB	500	Tape & Reel - 16mm/ 7" tape	EIA STD RS-481