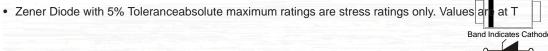
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August 2016

MMSZ5V6CF / MMSZ18VCF / MMSZ20VCF / MMSZ28VCF / MMSZ36VCF 1 W Zeners

Features SOD-123F



Part Number	Top Mark	Package	Packing Method
MMSZ5V6CF	5G	SOD-123F	Tape and Reel
MMSZ18VCF	18	SOD-123F	Tape and Reel
MMSZ20VCF	20	SOD-123F	Tape and Reel
MMSZ28VCF	28	SOD-123F	Tape and Reel
MMSZ36VCF	36	SOD-123F	Tape and Reel

A = 25°C unless otherwise noted.

Symbol	Parameter		Value	Units
В	P _D Power Dissipation	T _L = 80°C	2.3	W
FD		T _A = 25°C	1	VV
TJ	Maximum Junction Temperature		+150	С
T _{STG}	Storage Temperature Range		-55 to +150	С

Note:

1. $T_J = 25^{\circ}$ C prior to surge

Thermal Characteristic

Symbol	Parameter	Value	Units
R $_{JA}$	Thermal Resistance, Junction-to-Ambient ⁽²⁾	125	C/W
JL	Thermal Characteristic Parameter, Junction-to-Lead ⁽²⁾⁽³⁾	26	C/W

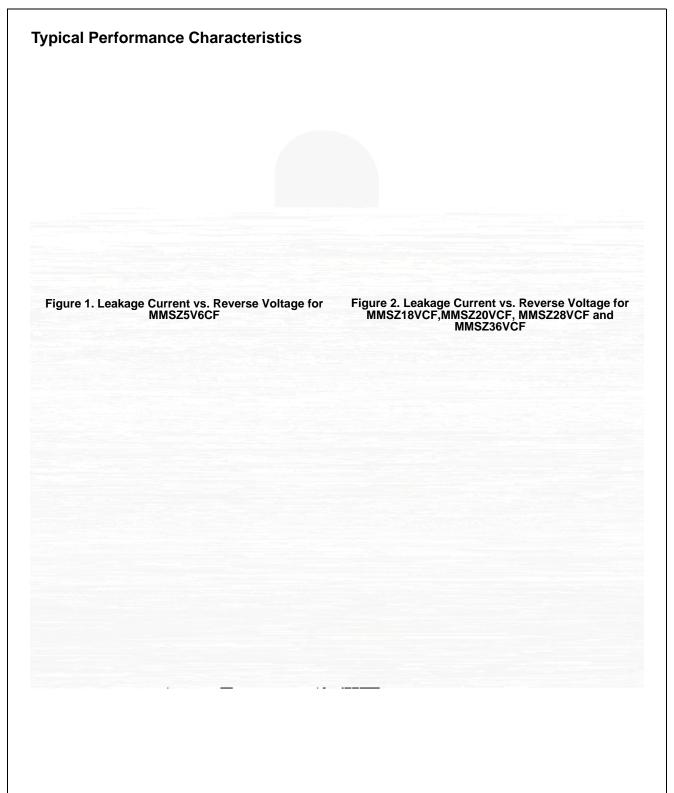
Note:

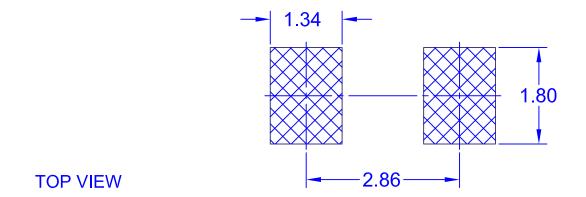
- 2. Per JESD51-3 recommended thermal test board. Device mounted on FR-4 PCB, board size = 76.2 mm x 114.3 mm.
- 3. Thermocouple soldered at cathode lead.

Electrical Characteristics

Values are at $T_A = 25$ °C unless otherwise noted.

Device	V _Z (V) @ I _{ZT} (mA)	Z _{ZT} () @ I _{ZT} (mA)	Z _{ZK} () @ I _{ZK} (mA)	I _R (





FRONT VIEW SIDE V

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