

Surface Mount Zener Diodes

Future research

- *500mw Power Dissipation
- *General Purpose , Medium Current
- *Ideal for Surface Mountted Application

Mechanical Data:

- *Weight : Approx 0.05 gram

**SMALL SIGNAL
ZENER DIODES
0.5 WATTES**



MINI-MELE

MINI MELE Outline Dimensions



MINI MELF		
Dim	Min	Max
A	3.30	3.70
B	1.30	1.60
C	0.28	0.50

Maximum Ratings and Electrical Characteristics (TA=25°C Unless Otherwise Noted)

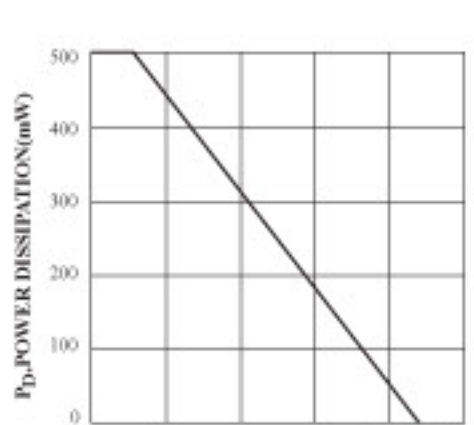
Characteristics	Symbol	Value	Unit
Power Dissipation T _A =75°C ⁽¹⁾	PD	500	mW
Thermal Resistance Junction to Ambient Air ⁽¹⁾	R _{θJA}	300	°C/W
Forward Voltage @ I _F =200mA	V _F	1.1	V
Operation and Storage Temperature Range	T _I ,T _{STG}	-65 to +175	°C

NOTES:1.Valid Provided that Electrodes are Kept at Ambient Temperature.

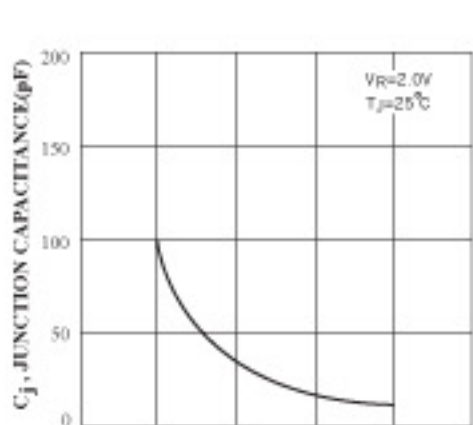
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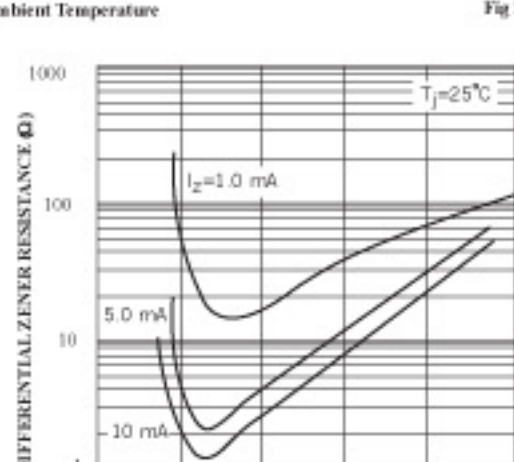
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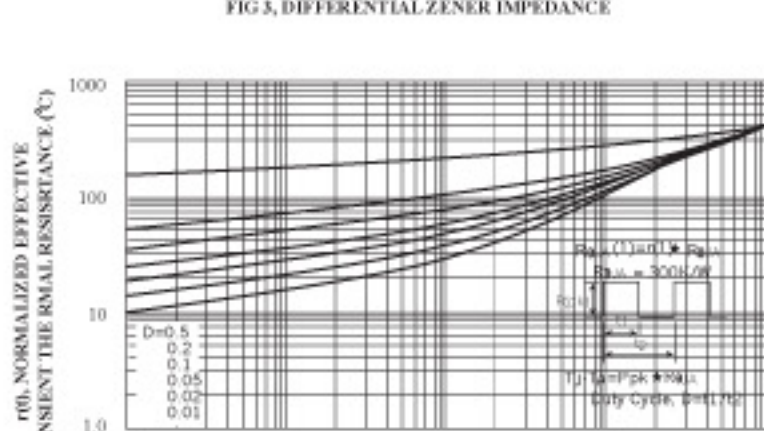
0	40	80	120	160	200
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0	5	10	15	20
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A horizontal number line with tick marks at intervals of 5, labeled 5, 10, 15, 20, and 25.



	1.0	10	100
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