

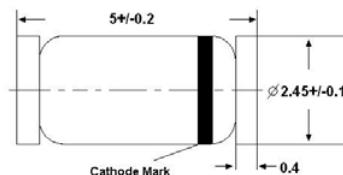
ZM4727...ZM4761

Silicon Planar Power Zener Diodes

for use in stabilizing and clipping circuits with high power rating. Standard Zener voltage tolerance is $\pm 10\%$. Add suffix "A" for $\pm 5\%$ tolerance and suffix "B" for $\pm 2\%$ tolerance. Other tolerances available are upon request.

These diodes are also available in DO-41 case with the type designation 1N4727...1N4761

LL-41



Glass case MELF
Dimensions in mm

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

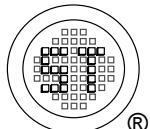
Parameter	Symbol	Value	Unit
Power Dissipation	P_{tot}	1 ¹⁾	W
Junction Temperature	T_j	175	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	- 65 to + 175	$^\circ\text{C}$

¹⁾ Valid provided that electrodes are kept at ambient temperature.

Characteristics at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Max.	Unit
Thermal Resistance Junction to Ambient Air	$R_{\theta JA}$	170 ¹⁾	K/W
Forward Voltage at $I_F = 200 \text{ mA}$	V_F	1.2	V

¹⁾ Valid provided that electrodes are kept at ambient temperature.

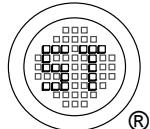
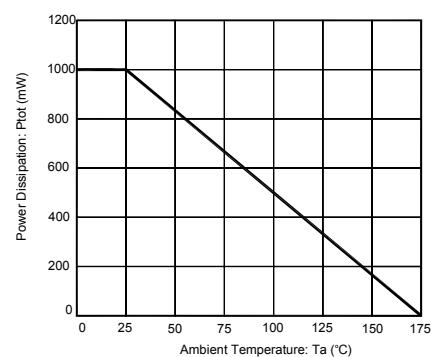
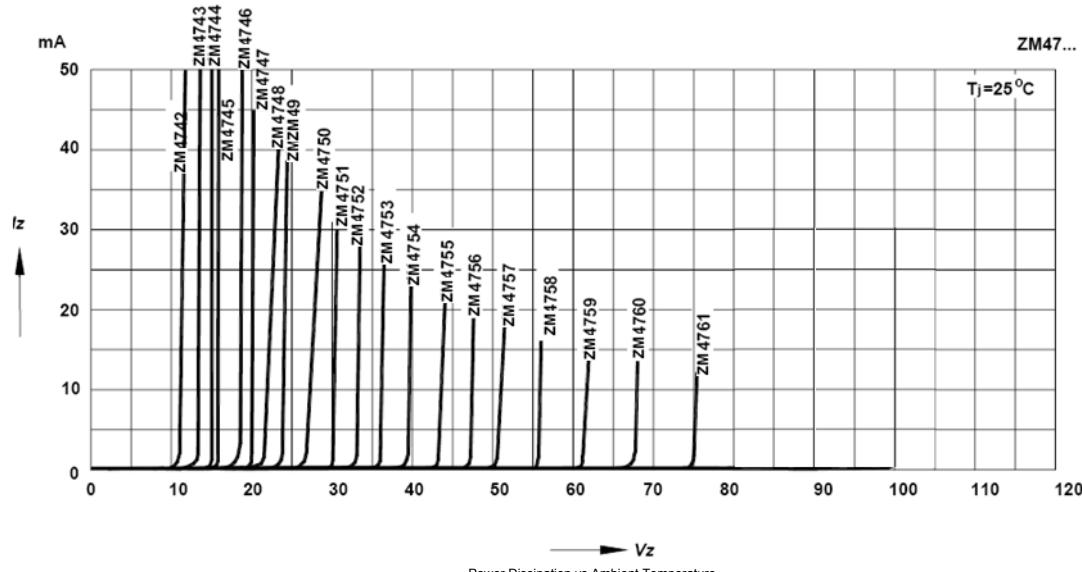
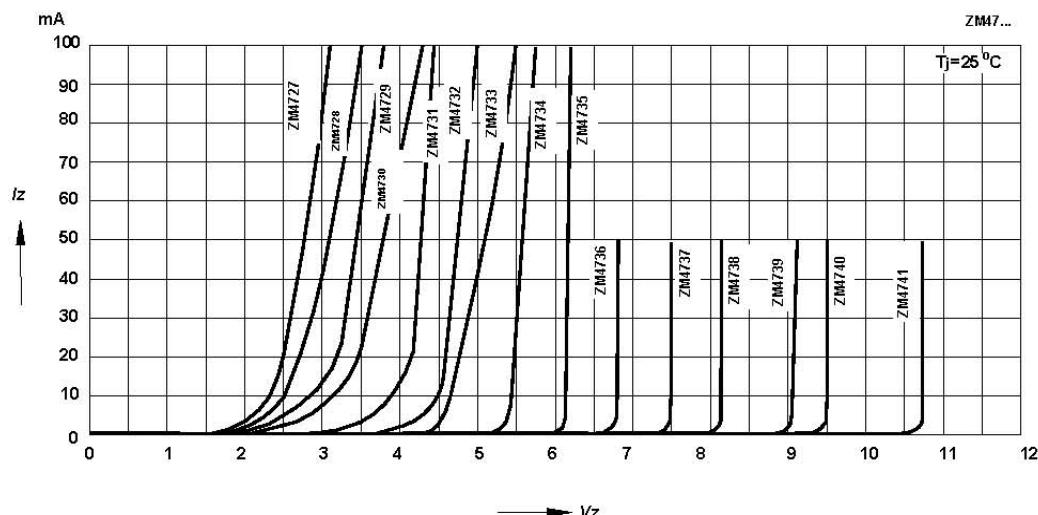


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Breakdown characteristics

$T_j = \text{constant(pulsed)}$



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ISO9001 : 2000
Certificate No. M392402



ISO14001 : 2004
Certificate No. 00000000



BS-CH948 1601 : 2007
Certificate No. 7116



IECQ QC 080000
Certificate No. 7116

