

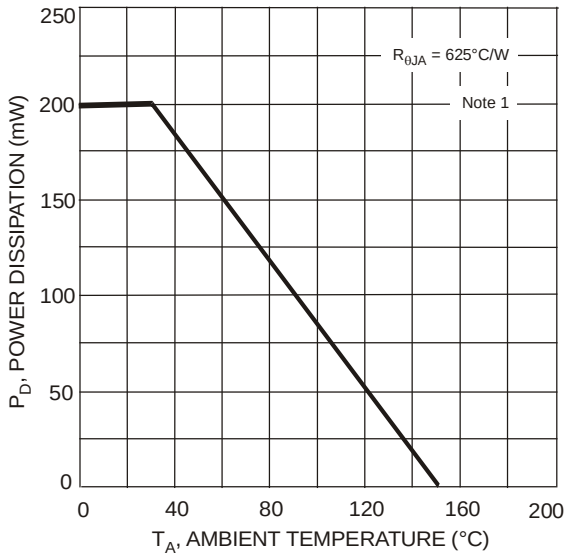


Fig. 1 Power Derating Curve

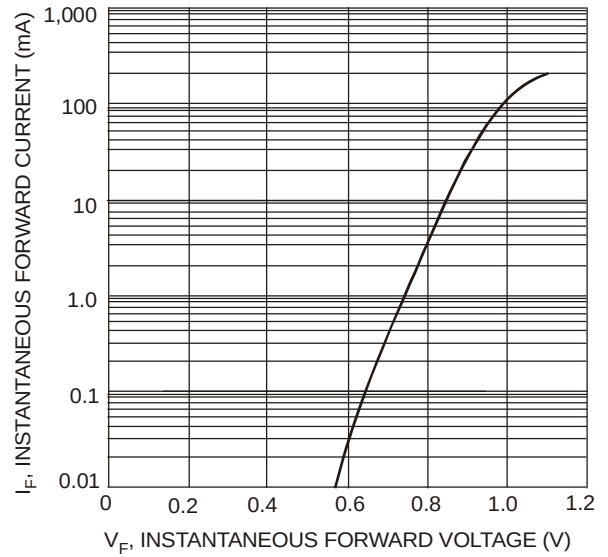


Fig. 2 Typical Forward Characteristics

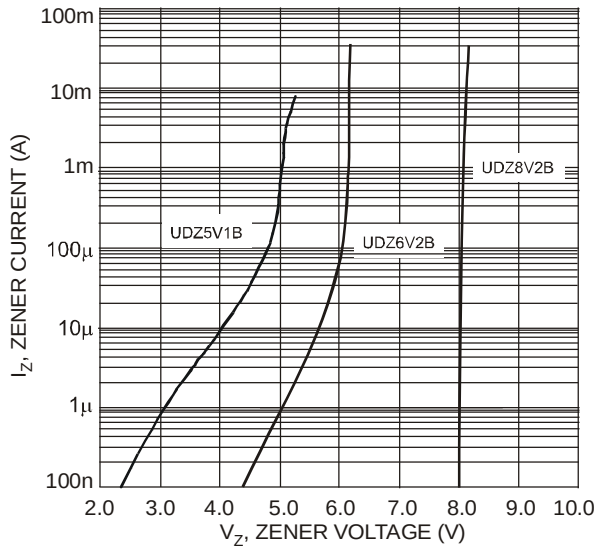


Fig. 3 Typical Zener Breakdown Characteristics, UDZ5V1B - UDZ8V2B

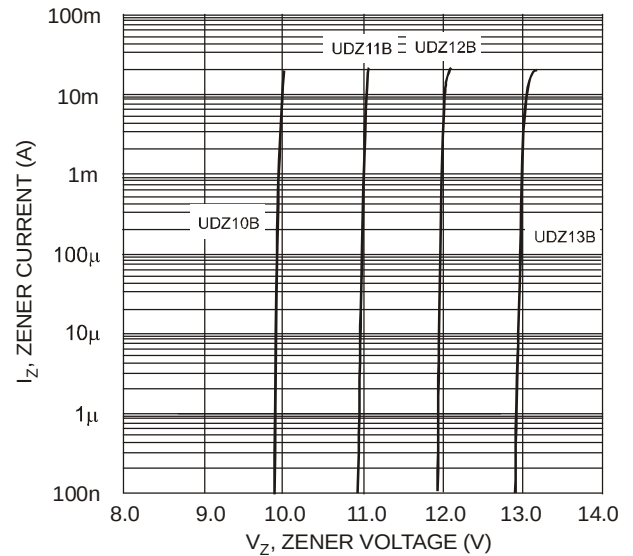


Fig. 4 Typical Zener Breakdown Characteristics, UDZ10B - UDZ13B

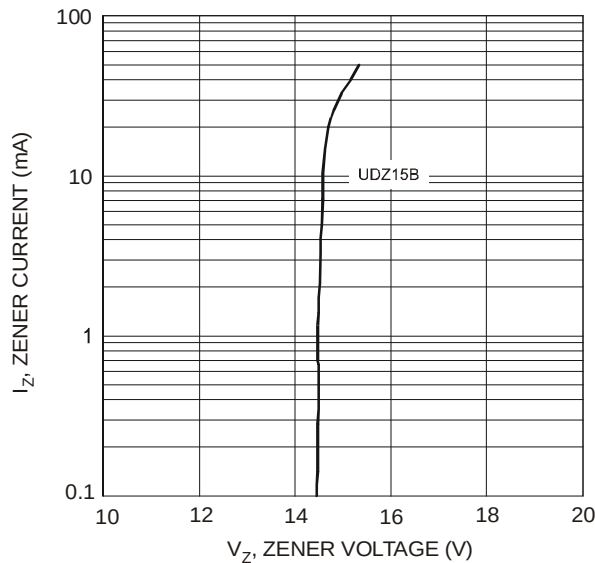


Fig. 5 Typical Zener Breakdown Characteristics, UDZ15B

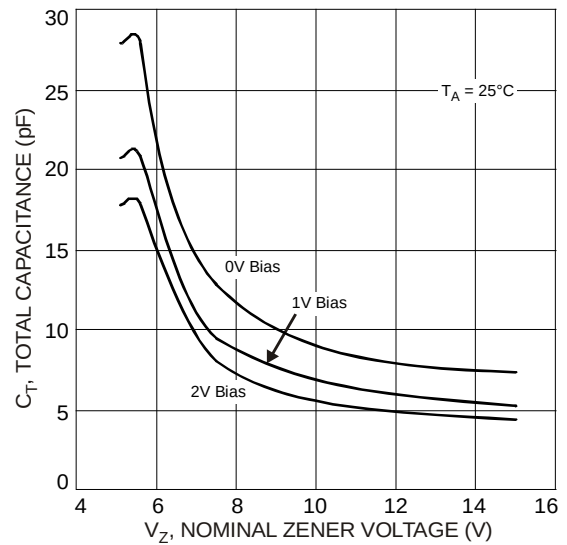


Fig. 6 Typical Total Capacitance vs. Nominal Zener Voltage

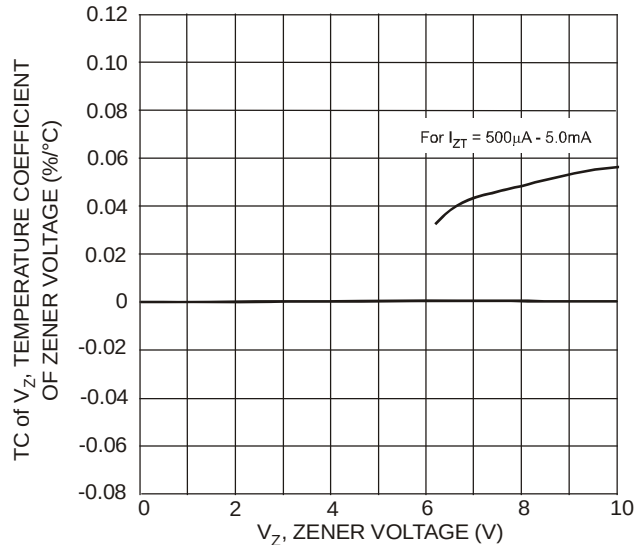


Fig. 7 Typical Temperature Coefficient of Zener Voltage vs. Zener Voltage, UDZ6V2B-UDZ10B

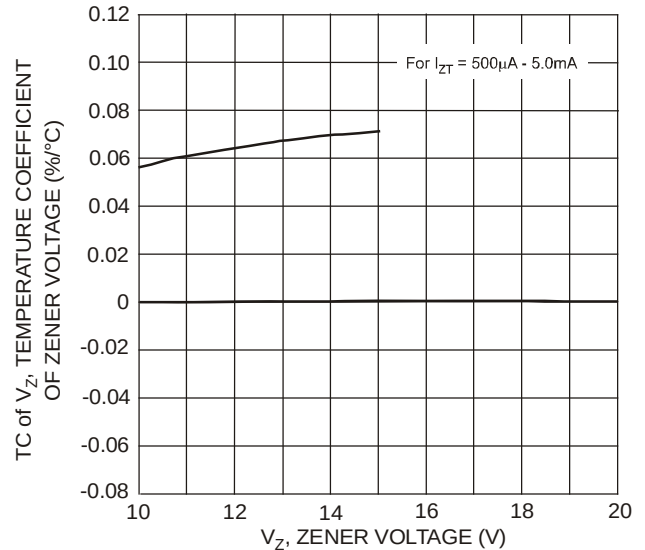


Fig. 8 Typical Temperature Coefficient of Zener Voltage vs. Zener Voltage, UDZ10B-UDZ15B

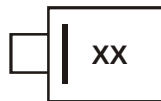
Ordering Information (Note 6)

Device	Packaging	Shipping
(Type Number)-7*	SOD-323	3000/Tape & Reel

* Add "-7" to the appropriate type number in Electrical Characteristics Table from Page 1 example: 6.2V Zener = UDZ6V2B-7.

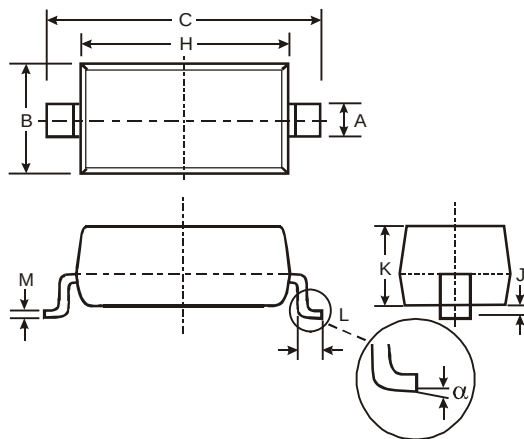
Notes: 6. For packaging details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.

Marking Information



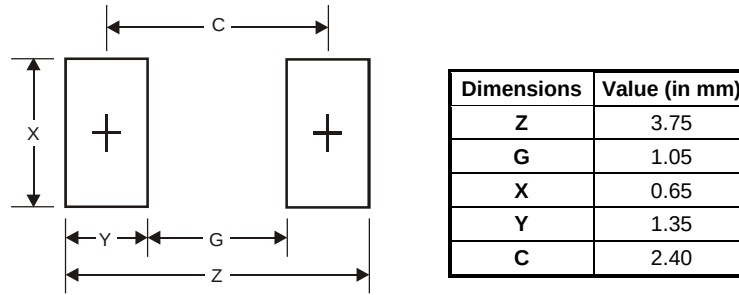
xx = Product Type Marking Code
(See Electrical Characteristics Table)

Package Outline Dimensions



SOD-323		
Dim	Min	Max
A	0.25	0.35
B	1.20	1.40
C	2.30	2.70
H	1.60	1.80
J	0.00	0.10
K	1.0	1.1
L	0.20	0.40
M	0.10	0.15
α	0°	8°
All Dimensions in mm		

Suggested Pad Layout



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