

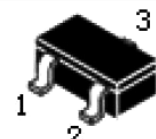
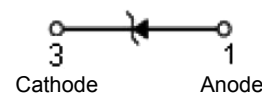
200mW

Surface Mount Zener Diode



Features:

- Planar Die Construction
- 200mW Power Dissipation
- Zener Voltages from 2.4V to 51V
- Ideally Suited For Automated Assembly Processes



SOT-323

Applications:

200mW Surface mount zener diode

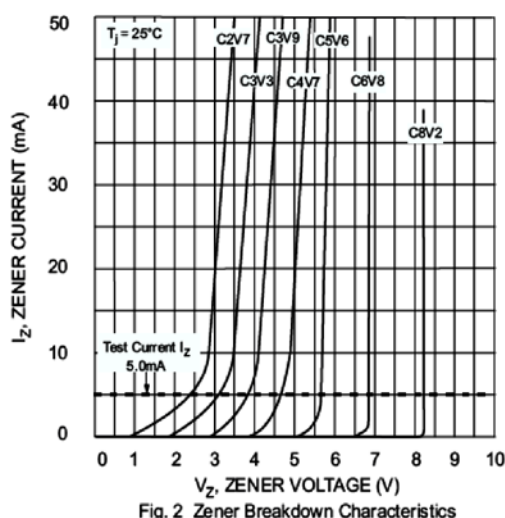
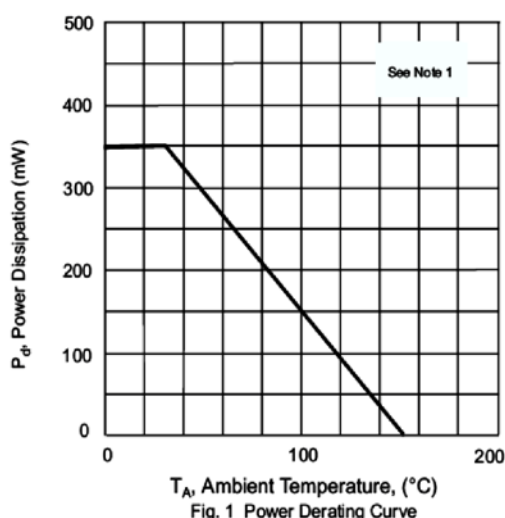
Max. Rating @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Parameter	Symbol	Limits	Unit
Forward voltage @ $I_F = 10\text{mA}$	V_F	0.9	V
Power Dissipation	P_D	200	mW
Operating and Storage Temperature Range	T_j, T_{STG}	-65 to +150	$^\circ\text{C}$

Electrical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Marking Code	Zener Voltage Range				Max. Zener Impedance			Max. Reverse Current		Typical Temperature Coefficient@ I _{ZTC} mV/°C	
	V _Z @ I _{ZT}			I _{ZT}	Z _{ZT} @I _{ZT}	Z _{ZK} @I _{ZK}	I _R	V _R			
	Nom(V)	Min(V)	Max(V)	mA	Ω		mA	μA	V	Min.	Max.
KRD	3	2.8	3.2	5	95	600	1	10	1	-3.5	0

Typical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified



200mW

Surface Mount Zener Diode



Typical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified

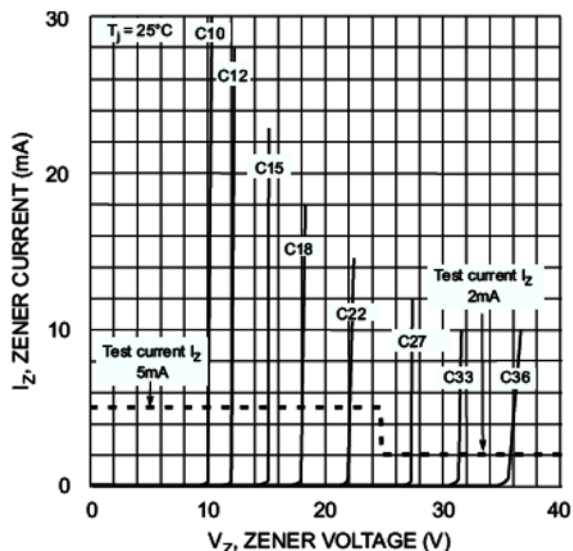


Fig. 3 Zener Breakdown Characteristics

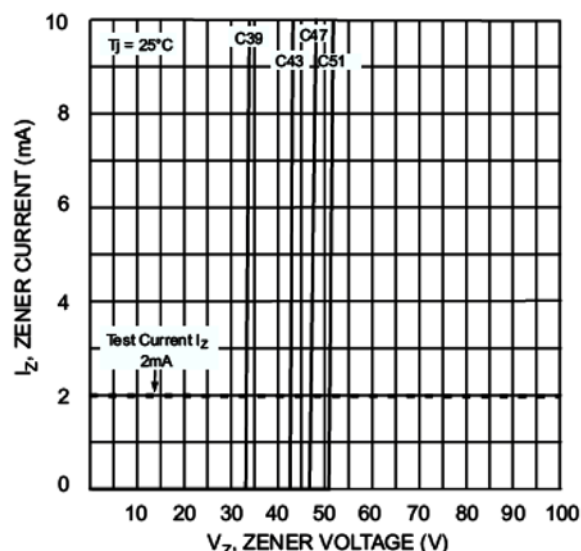
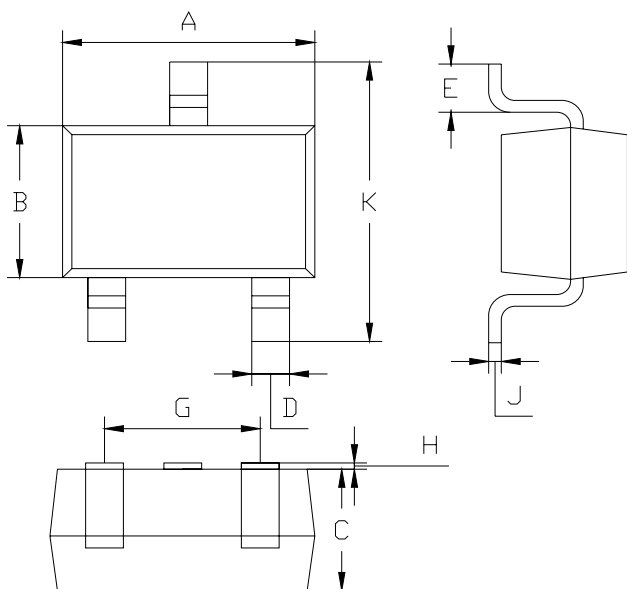


Fig. 4 Zener Breakdown Characteristics

Plastic surface mounted package



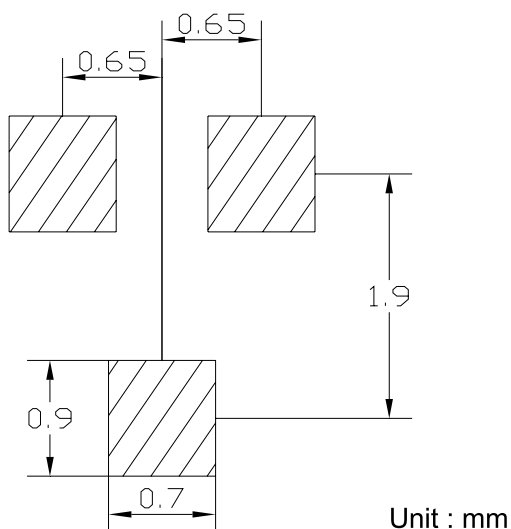
SOT-323		
Dim	Min	Max
A	1.8	2.2
B	1.15	1.35
C	1 Typical	
D	0.15	0.35
E	0.25	0.40
G	1.2	1.4
H	0.02	0.1
J	0.1 Typical	
K	2.1	2.3
All Dimensions in mm		

200mW

Surface Mount Zener Diode



Soldering Footprint



Package Information

Device	Package	Shipping
BZX84C3V0W-7-F	SOT-323	3,000 / Tape & Reel

Part Number Table

Description	Part Number
200mW Surface Mount Zener Diode	BZX84C3V0W-7-F

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