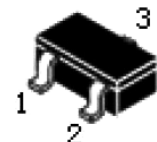
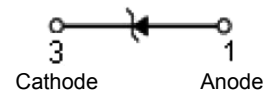


# 200mW Surface Mount Zener Diode



### 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

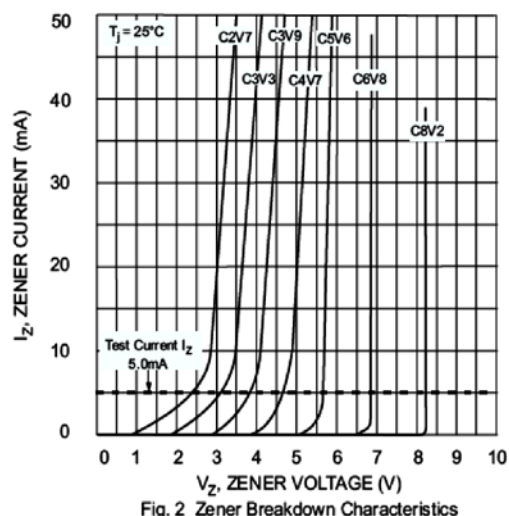
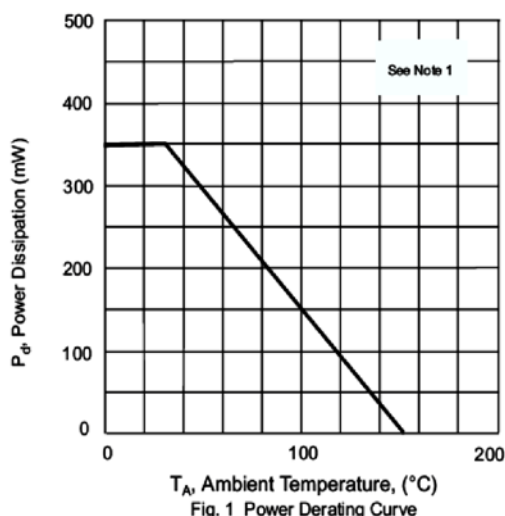
### Max. Rating @ TA = 25°C unless otherwise specified

Parameter	Symbol	Limits	Unit
Forward voltage @ IF = 10mA	VF	0.9	V
Power Dissipation	PD	200	mW
Operating and Storage Temperature Range	Tj, TSTG	-65 to +150	°C

### Electrical Characteristics @ TA = 25°C unless otherwise specified

Marking Code	Zener Voltage Range				Max. Zener Impedance			Max. Reverse Current		Typical Temperature Coefficient @ IZTC mV/°C	
	Vz @ IZT			IZT mA	ZZT@IZT Ω	ZZK@IZK mA	IR μA	VR V	Min.	Max.	
	Nom(V)	Min(V)	Max(V)								
KRD	3	2.8	3.2	5	95	600	1	10	1	-3.5	0

### Typical Characteristics @ TA = 25°C unless otherwise specified



# 200mW Surface Mount Zener Diode



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

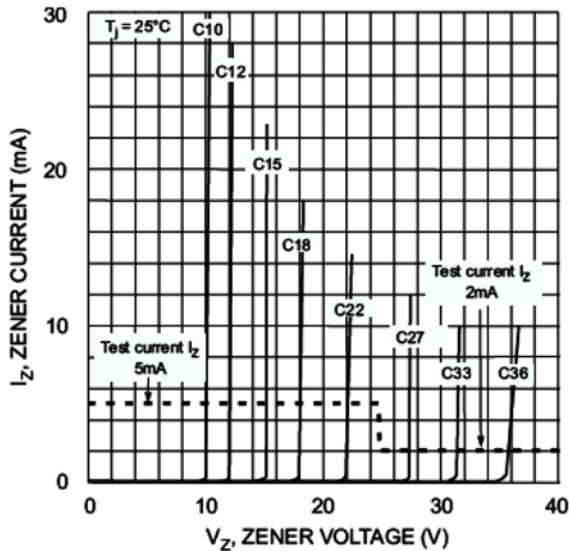


Fig. 3 Zener Breakdown Characteristics

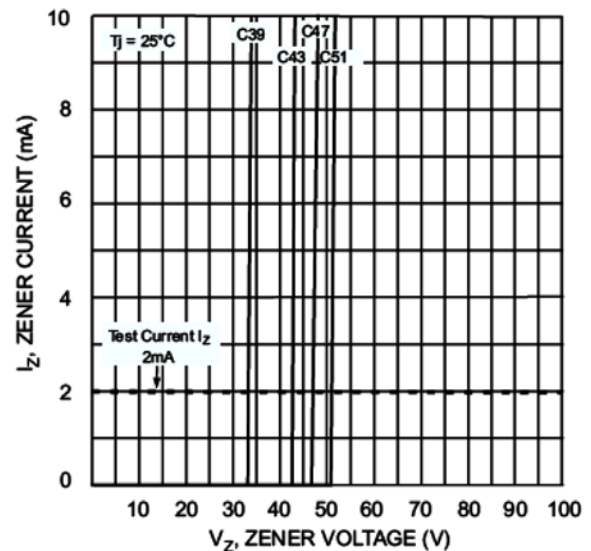
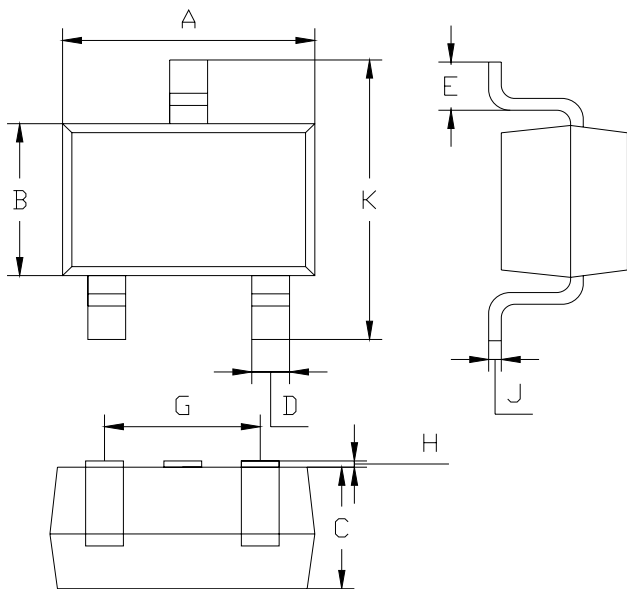


Fig. 4 Zener Breakdown Characteristics

## Plastic surface mounted package



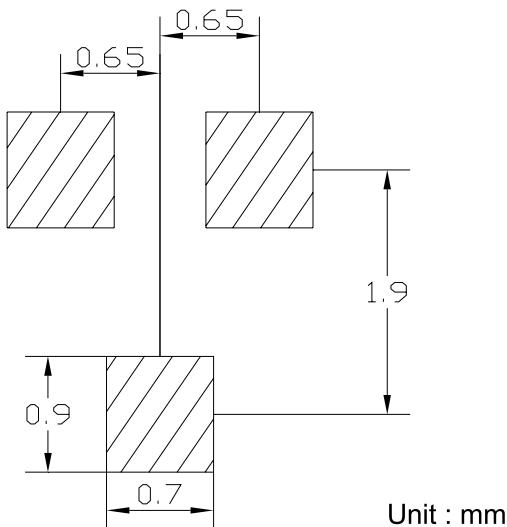
SOT-323		
Dim	Min	Max
A	1.8	2.2
B	1.15	1.35
C	1 Typical	
D	0.15	0.35
E	0.25	0.40
G	1.2	1.4
H	0.02	0.1
J	0.1 Typical	
K	2.1	2.3
All Dimensions in mm		



# 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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