

# 01BZA8.2

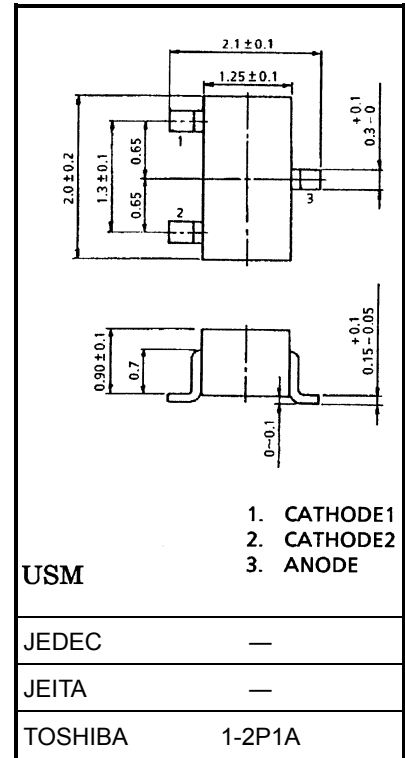
## Diodes for Protecting Against ESD

- Because two diodes are mounted on an ultra compact package, it is possible to allow reducing the number of the parts and the mounting cost.

### Maximum Ratings (Ta = 25°C)

Characteristics	Symbol	Rating	Unit
Power dissipation	P	100	mW
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature range	T <sub>stg</sub>	-55~125	°C

Unit: mm

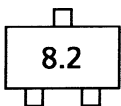


Weight: g (typ.)

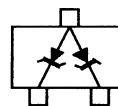
### Electrical Characteristics (Ta = 25°C)

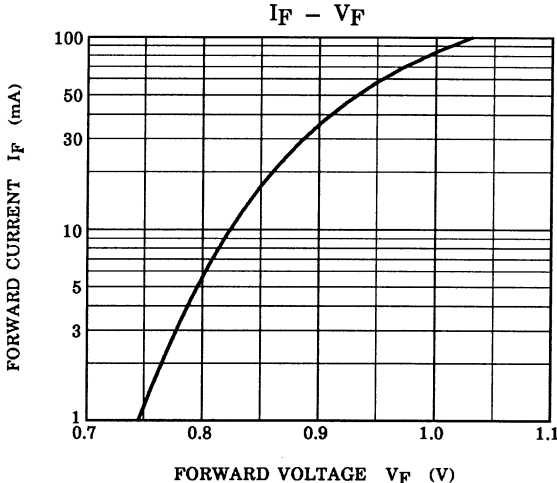
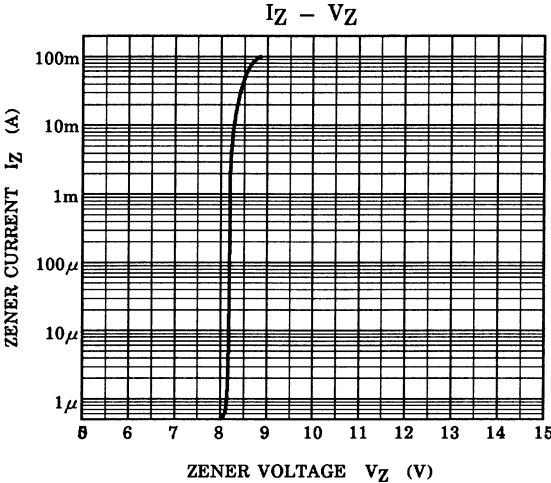
Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V <sub>Z</sub>	I <sub>Z</sub> = 5 mA	7.7	8.2	8.7	V
Dynamic impedance	Z <sub>Z</sub>	I <sub>Z</sub> = 5 mA	—	15	—	Ω
Knee dynamic impedance	Z <sub>ZK</sub>	I <sub>Z</sub> = 0.5 mA	—	20	—	Ω
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 6.5 V	—	—	0.5	μA

### Marking



### Equivalent Circuit (top view)





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