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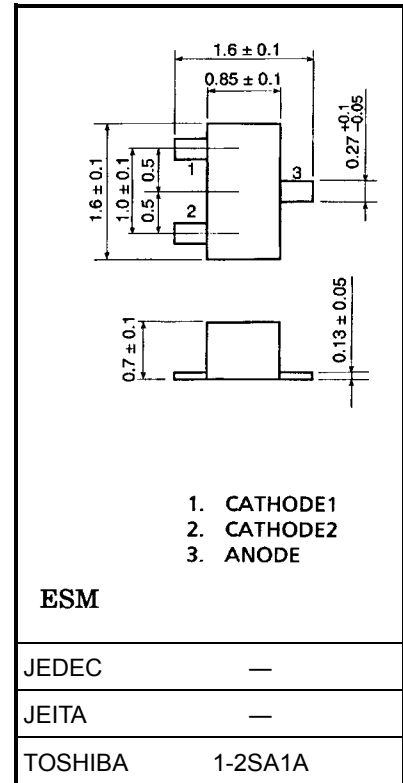
Diodes for Protecting Against ESD

- Because two devices 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 _j	125	°C
Storage temperature range	T _{stg}	-55~125	°C

Unit: mm

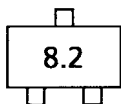


Electrical Characteristics (Ta = 25°C)

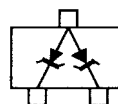
Weight: g (typ.)

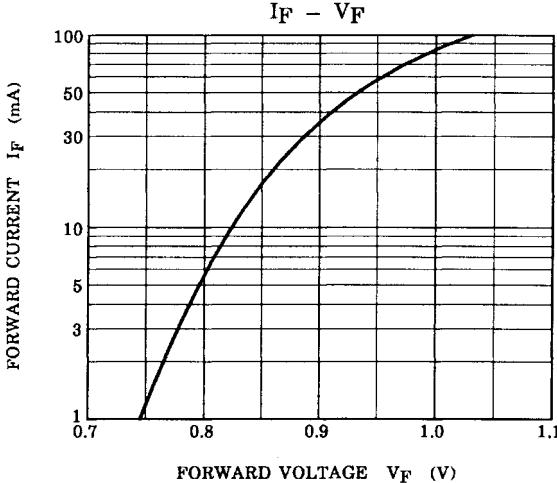
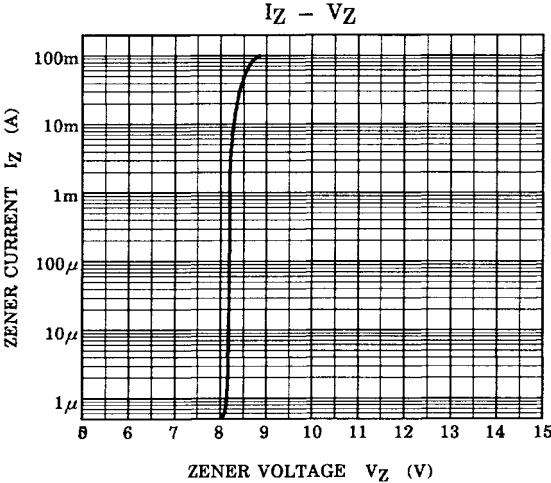
Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	7.7	8.2	8.7	V
Dynamic impedance	Z _Z	I _Z = 5 mA	—	15	—	Ω
Knee dynamic impedance	Z _{ZK}	I _Z = 0.5 mA	—	20	—	Ω
Reverse current	I _R	V _R = 6.5 V	—	—	0.5	μA

Marking



Equivalent Circuit (top view)





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