

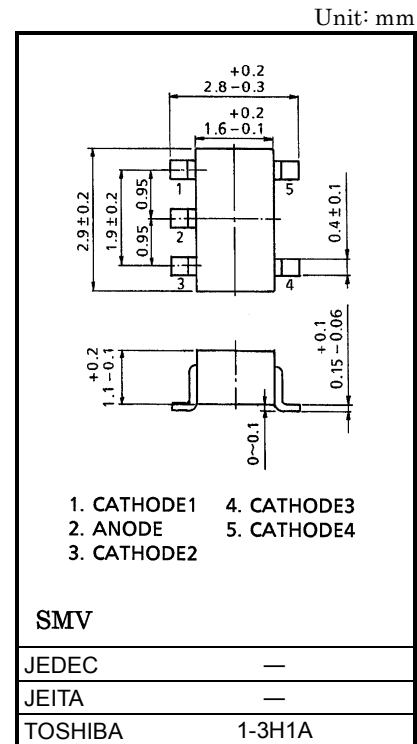
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Diodes for Protecting against ESD

- The mounting of two devices on an ultra-compact package allows the number of parts and the mounting cost to be reduced.
- The zener voltage corresponds to the E24 Series.

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P	200	mW
Junction temperature	T _j	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Electrical Characteristics (Ta = 25°C)

Weight: 0.014 g (typ.)

Characteristic	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	6.4	6.8	7.2	V
Dynamic impedance	Z _Z	I _Z = 5 mA	—	10	25	Ω
Knee dynamic impedance	Z _{ZK}	I _Z = 0.5 mA	—	30	—	Ω
Reverse current	I _R	V _R = 5 V	—	—	0.5	μA
Terminal capacitance (between Cathode and Anode)	C _T	V _R = 0, f = 1 MHz	—	45	—	pF

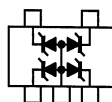
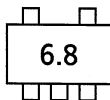
Guaranteed Level of ESD Immunity

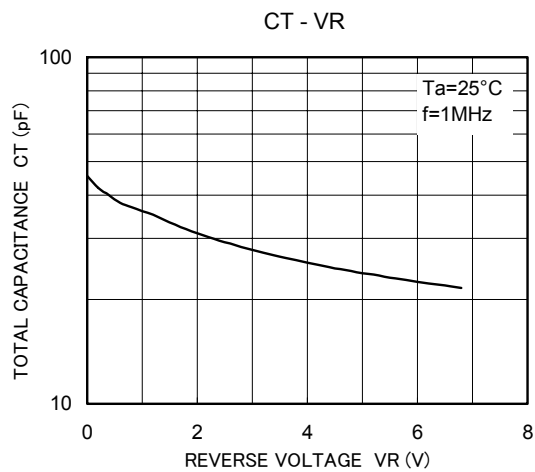
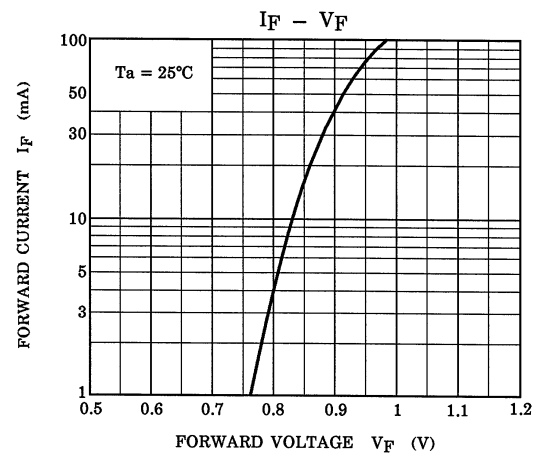
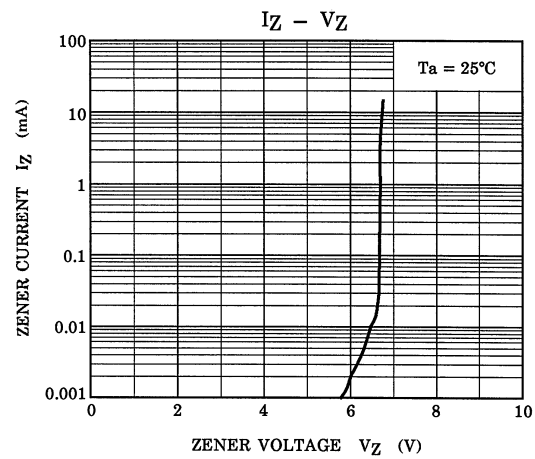
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 30kV

Criterion: No damage to device elements

Marking

Equivalent Circuit (Top View)





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