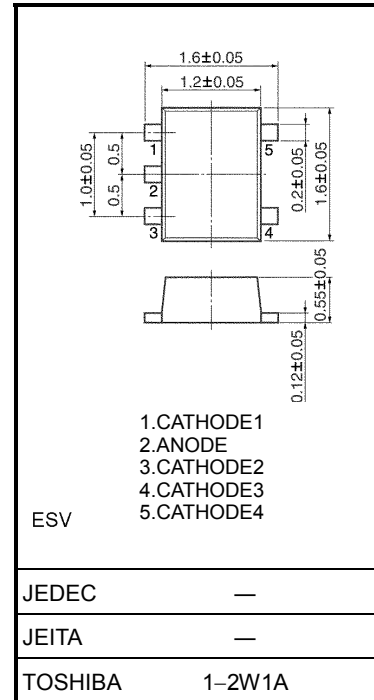


DF5A3.6JE

Diodes for Protecting against ESD

Unit: mm

- The mounting of four 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	100	MW
Junction temperature	T _j	150	°C
Storage temperature range	T _{stg}	-55~150	°C

Electrical Characteristics (Ta = 25°C)

Weight: 0.003 g (typ.)

Characteristic	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	3.4	3.6	3.8	V
Dynamic impedance	Z _Z	I _Z = 5 mA	—	—	130	Ω
Reverse current	I _R	V _R = 1 V	—	—	10	μA
Terminal capacitance (between Cathode and Anode)	C _T	V _R = 0 V, f = 1 MHz	—	110	—	pF

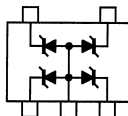
Guaranteed Level of ESD Immunity

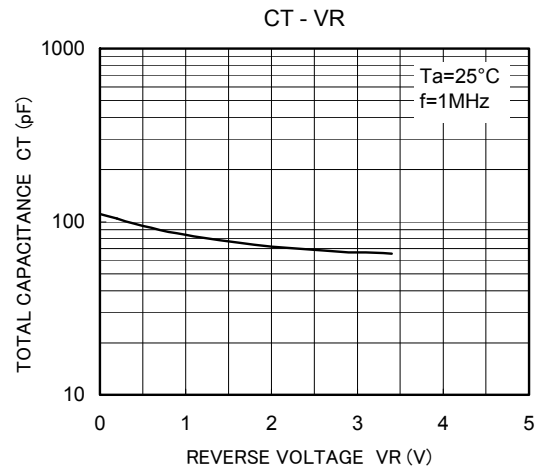
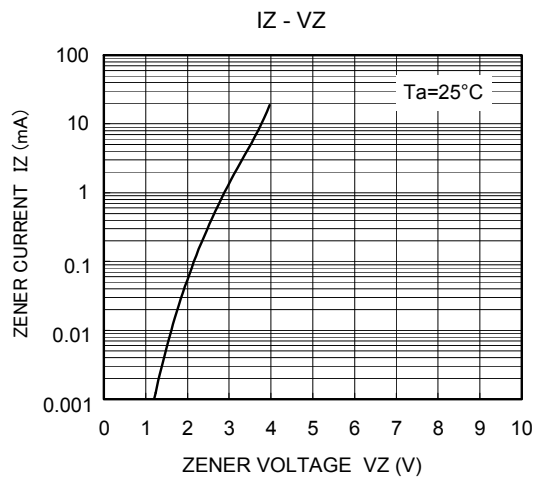
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 30 kV

Criterion: No damage to device elements

Marking

Equivalent Circuit (Top View)





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