

DF3A5.6FU

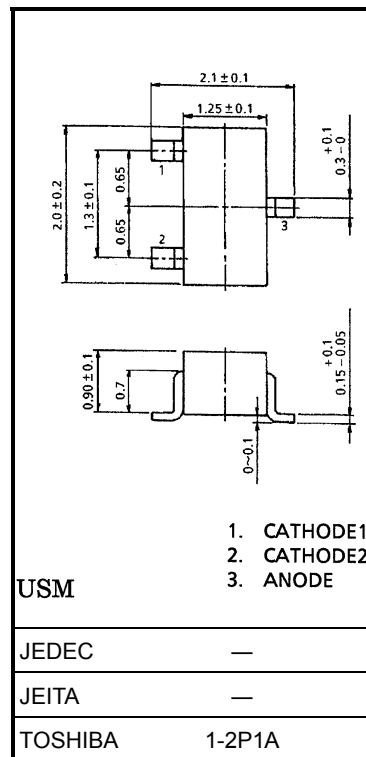
Diodes for Protecting against ESD

Unit: mm

- 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)

Characteristics	Symbol	Rating	Unit
Power dissipation	P	100	mW
Junction temperature	T _j	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Electrical Characteristics (Ta = 25°C)

Weight: 0.006 g (typ.)

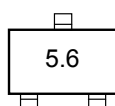
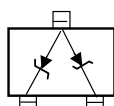
Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	5.3	5.6	6.0	V
Dynamic impedance	Z _Z	I _Z = 5 mA	—	—	40	Ω
Reverse current	I _R	V _R = 2.5 V	—	—	1.0	μA
Terminal capacitance (between Cathode and Anode)	C _T	V _R = 0, f = 1 MHz	—	65	—	pF

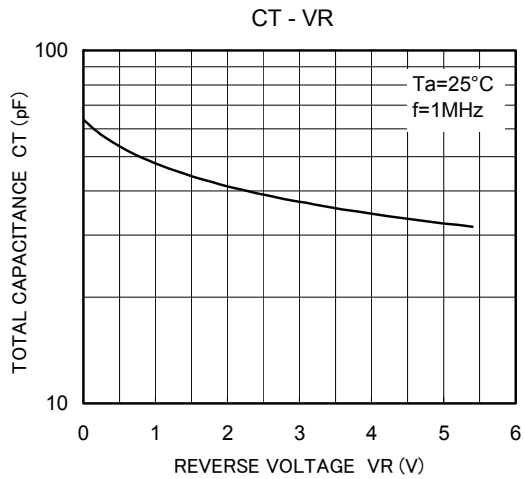
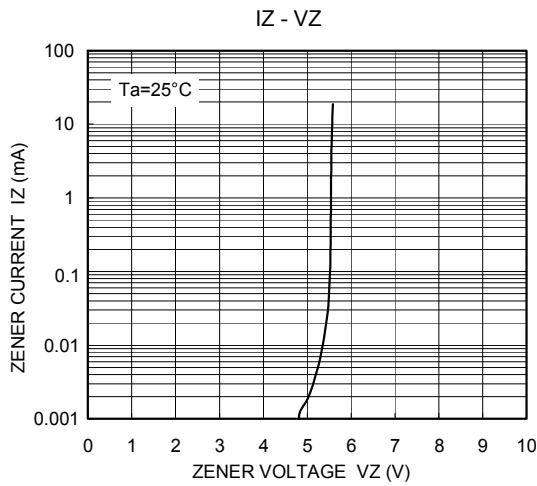
Guaranteed Level of ESD Immunity

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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