

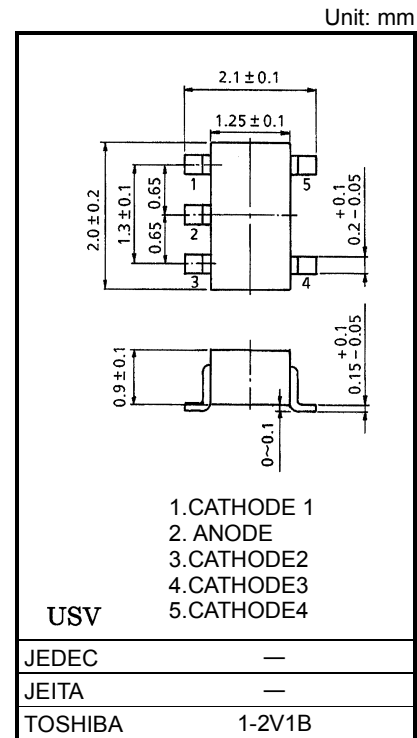
DF5A6.2FU

Diodes for Protecting against ESD

- 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	200	mW
Junction temperature	T _J	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Weight: 0.0062g (typ.)

Electrical Characteristics (Ta = 25°C)

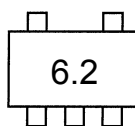
Characteristic	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	5.8	6.2	6.6	V
Dynamic impedance	Z _Z	I _Z = 5 mA	—	—	30	Ω
Reverse current	I _R	V _R = 3 V	—	—	1.0	μA
Terminal capacitance (between Cathode and Anode)	C _T	V _R = 0, f = 1 MHz	—	55	—	pF

Guaranteed Level of ESD Immunity

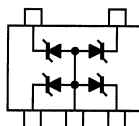
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 30 kV

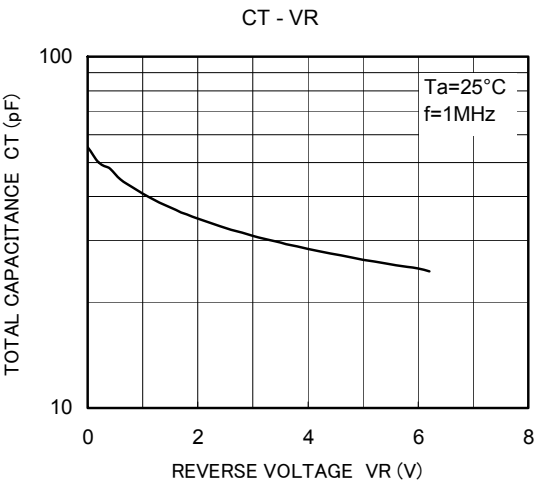
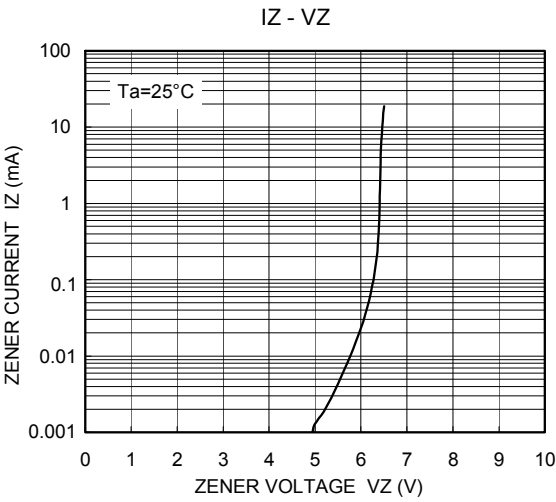
Criterion: No damage to device elements

Marking



Equivalent Circuit (Top View)





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