

DF2S6.2FS

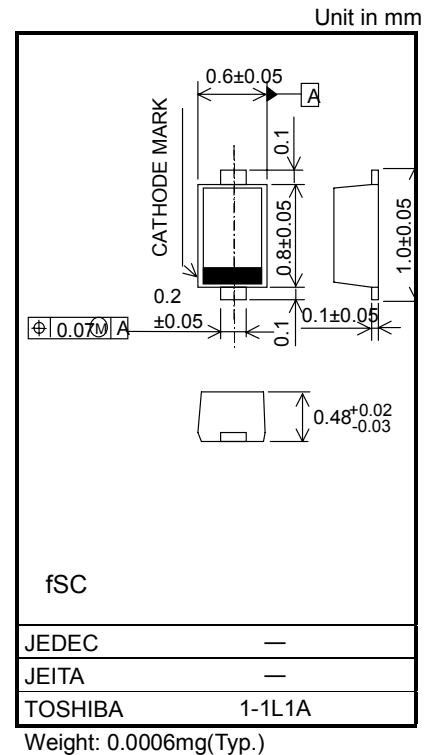
Diodes for Protecting against ESD

- The mounting of four devices on an ultra-compact package allows the number of parts and the mounting cost to be reduced.
- Zener voltage corresponds to E24 series.

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P*	150*	mW
Junction temperature	T _j	150	°C
Storage temperature range	T _{stg}	-55~150	°C

*: Mounted on a glass epoxy circuit board of 20 × 20 mm,
pad dimension of 4 × 4 mm.



Electrical Characteristics (Ta = 25°C)

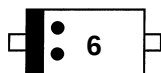
Characteristic	Symbol	Test Circuit	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	—	I _Z = 5mA	5.8	6.2	6.6	V
Dynamic impedance	Z _Z	—	I _Z = 5mA	—	—	30	Ω
Reverse current	I _R	—	V _R = 5V	—	—	2.5	μA
Total capacitance	C _T	—	V _R = 0V, f=1MHz	—	32	—	pF

Guaranteed Level of ESD Immunity

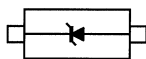
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 30 kV

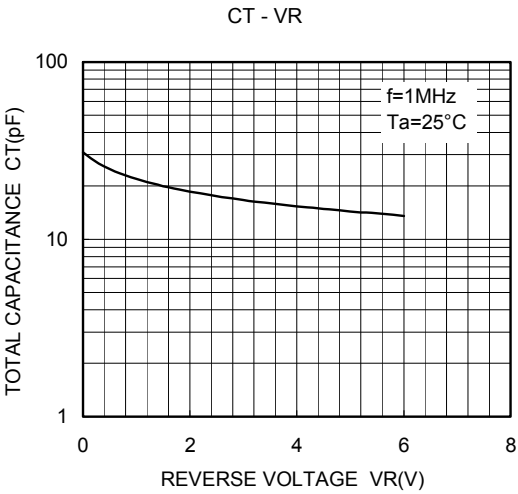
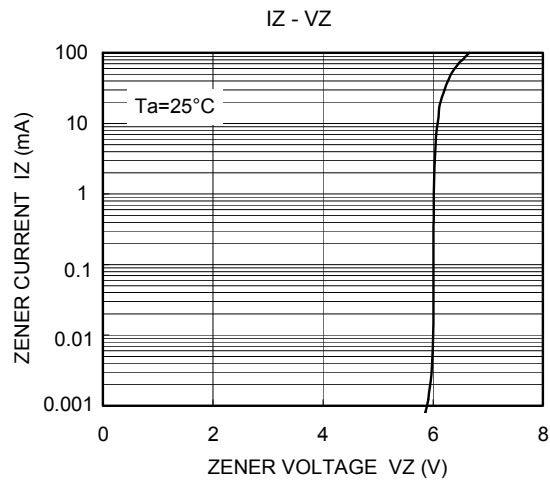
Criterion: No damage to device elements

Marking



Equivalent Circuit (Top View)





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