

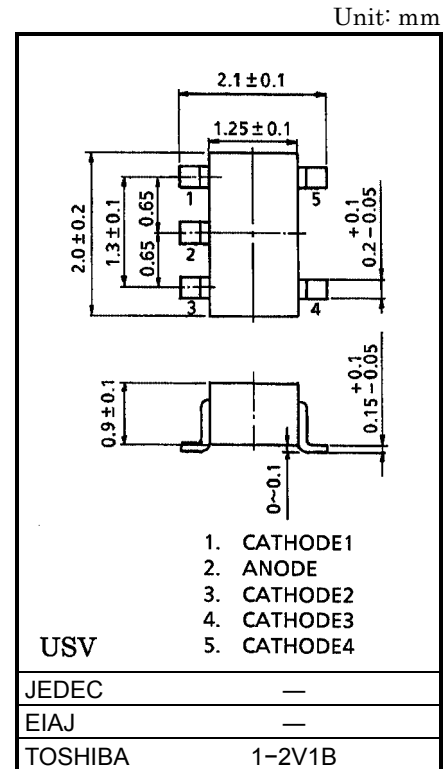
# DF5A8.2FU

## Diodes for Protecting Against ESD

- Because four devices are mounted on an ultra compact package, it is possible to allow reducing the number of the parts and the mounting cost.
- Zener voltage correspond to E24 series.

## Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P	200	mW
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature range	T <sub>stg</sub>	-55~125	°C



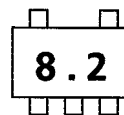
## Electrical Characteristics (Ta = 25°C)

Characteristic	Symbol	Test Circuit	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V <sub>Z</sub>	—	I <sub>Z</sub> = 5mA	7.7	8.2	8.7	V
Dynamic impedance	Z <sub>Z</sub>	—	I <sub>Z</sub> = 5mA	—	15	—	Ω
Knee dynamic impedance	Z <sub>ZK</sub>	—	I <sub>Z</sub> = 0.5mA	—	20	—	Ω
Reverse current	I <sub>R</sub>	—	V <sub>R</sub> = 6.5V	—	—	0.5	μA

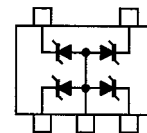
## Guaranteed Level of ESD Immunity

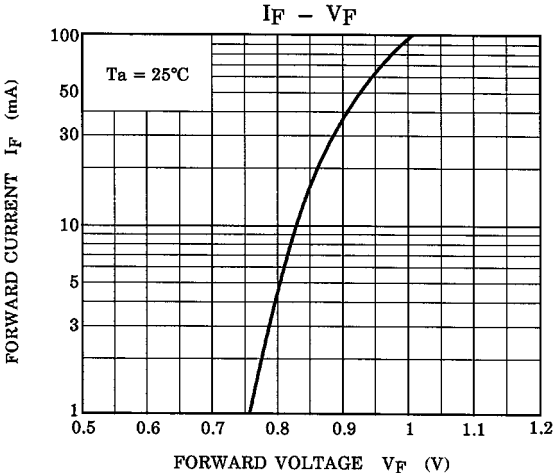
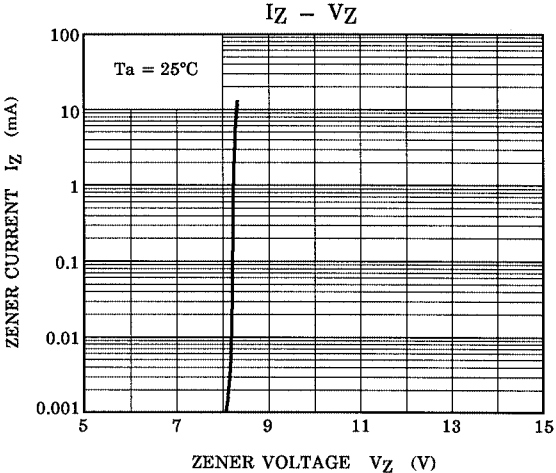
Test Condition	ESD Immunity Level
IEC61000-4-2 (contact discharge)	±25kV

## Marking



## Equivalent Circuit (Top View)





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