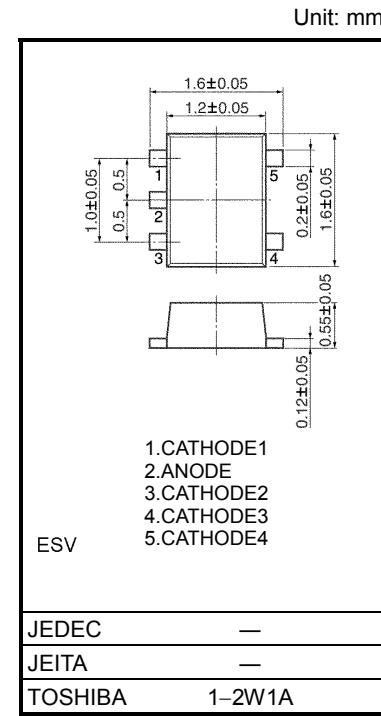


DF5A6.8LJE

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.
- Low Terminal capacitance (between Cathode and Anode)
: $C_T = 6.0 \text{ pF} (\text{typ.})$



Weight: 0.003 g (typ.)

Characteristics	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)

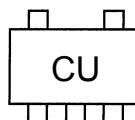
Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V_Z	$I_Z = 5 \text{ mA}$	6.5	6.8	7.1	V
Dynamic impedance	Z_Z	$I_Z = 5 \text{ mA}$	—	—	50	Ω
Reverse current	I_R	$V_R = 5 \text{ V}$	—	—	0.5	μA
Terminal capacitance (between Cathode and Anode)	C_T	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$	—	6.0	—	pF

Guaranteed Level of ESD Immunity

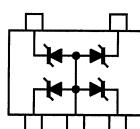
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 8 kV

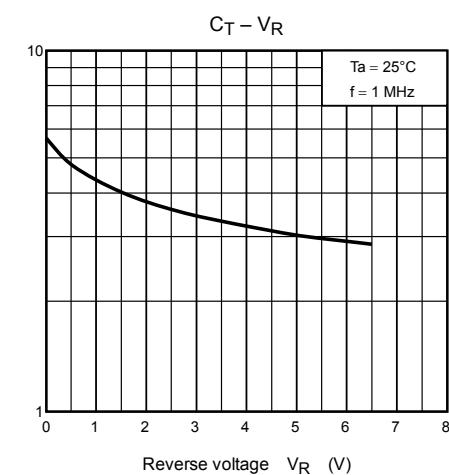
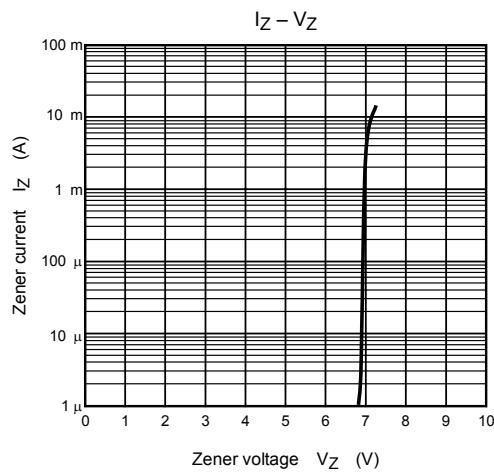
Criterion: No damage to device elements

Marking



Equivalent Circuit (Top View)





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030619EAA

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