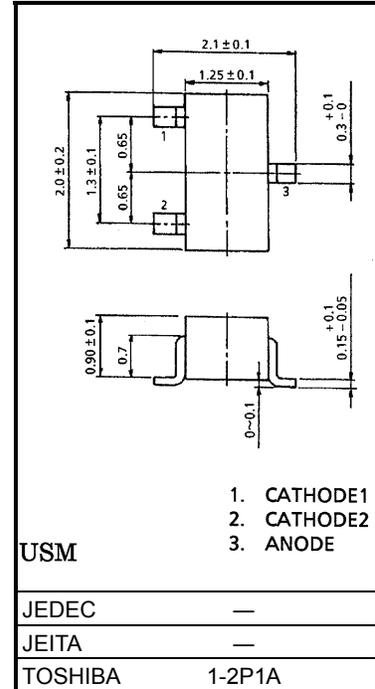


DF3A5.6LFU

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.
- Low Terminal capacitance (between Cathode and Anode)
: $C_T = 8.0 \text{ pF (typ.)}$



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)

Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V_Z	$I_Z = 5 \text{ mA}$	5.3	5.6	6.0	V
Dynamic impedance	Z_Z	$I_Z = 5 \text{ mA}$	—	—	50	Ω
Reverse current	I_R	$V_R = 3.5 \text{ V}$	—	—	1.0	μA
Terminal capacitance (between Cathode and Anode)	C_T	$V_R = 0 \text{ V, } f = 1 \text{ MHz}$	—	8	—	pF

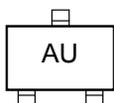
Weight: 0.006 mg (typ.)

Guaranteed Level of ESD Immunity

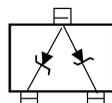
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	$\pm 8 \text{ kV}$

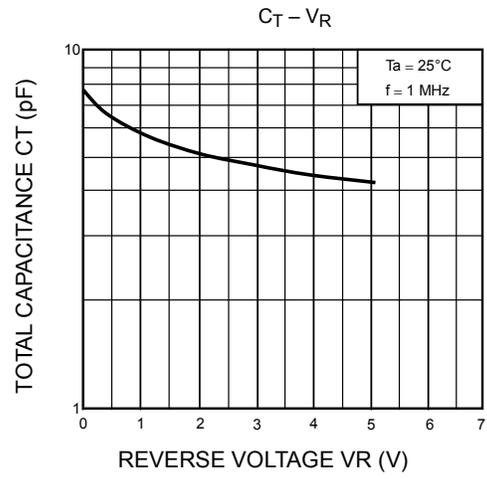
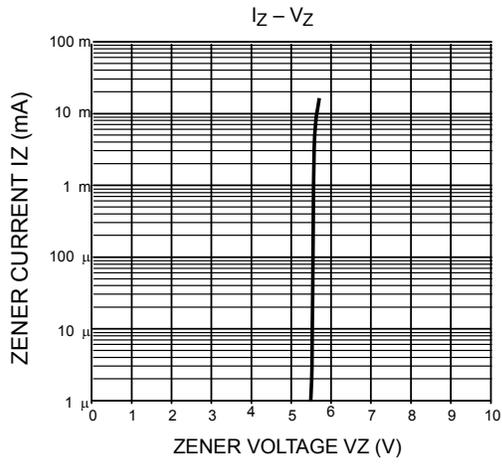
Criterion: No damage to device elements

Marking



Equivalent Circuit (top view)





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030619EAA

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