

ESD Protection diode

FTZ4.3E

●Applications

ESD Protection
(common anode configuration)

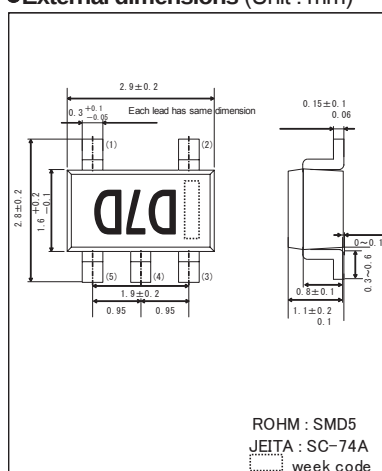
●Features

- 1) Small mold type. (UMD3)
- 2) High reliability

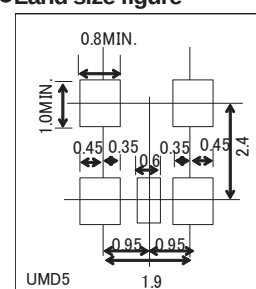
●Construction

Silicon epitaxial planar

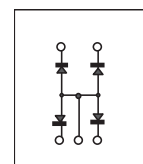
●External dimensions (Unit : mm)



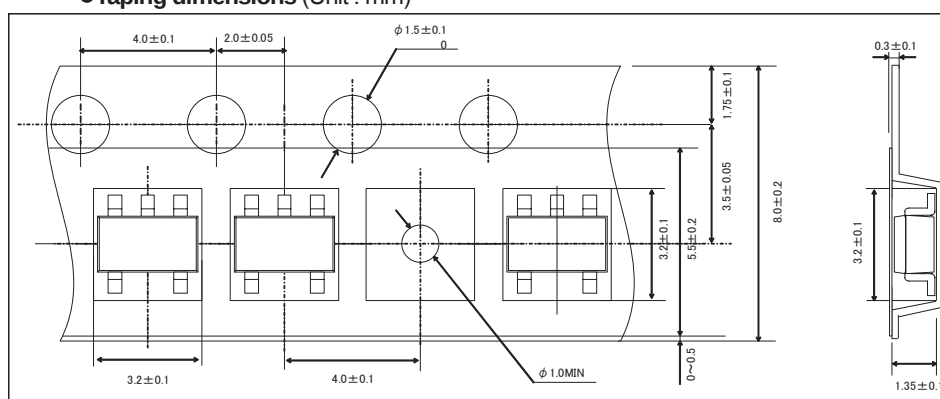
●Land size figure



●Structure



●Taping dimensions (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation (*1)	P(*)	200	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

(*) Rating of per diode

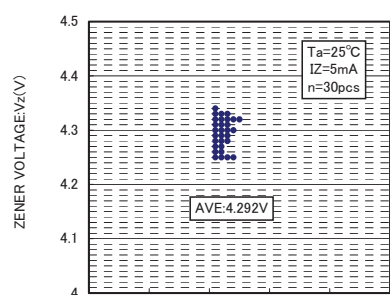
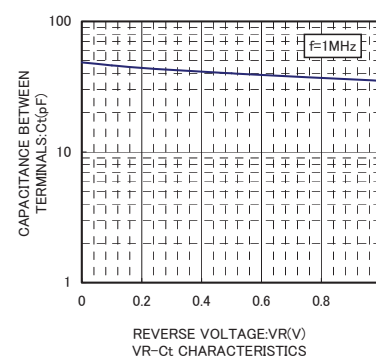
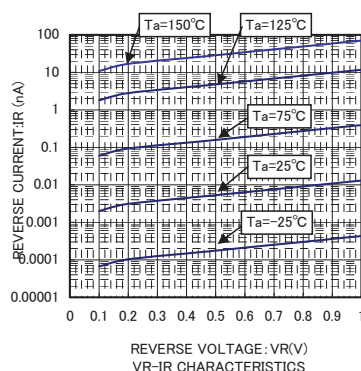
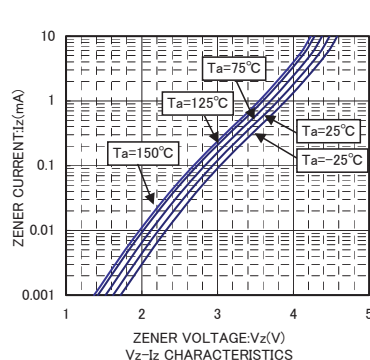
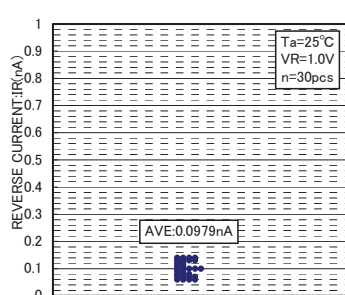
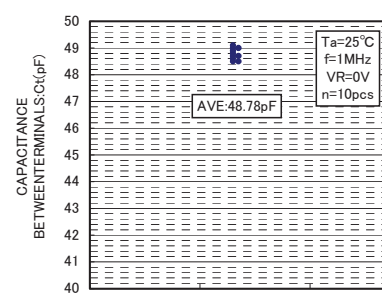
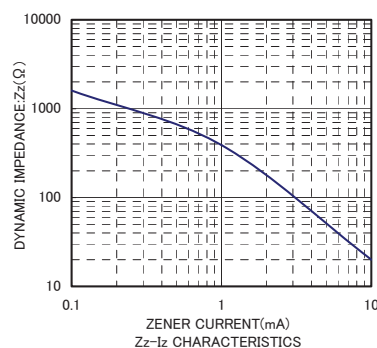
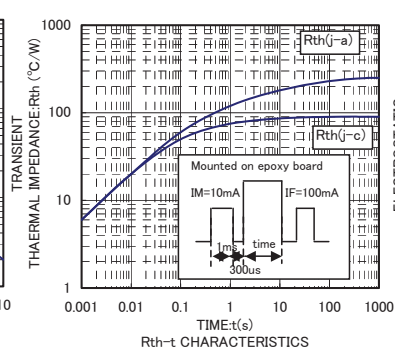
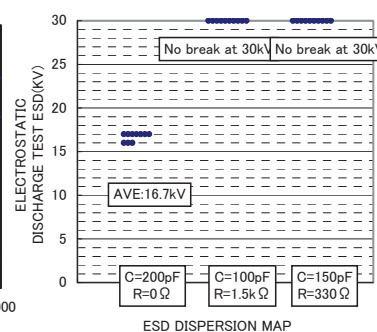
●Electrical characteristic (Ta=25°C) (* Per chip)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _Z	4.04	-	4.57	V	I _Z =5mA
Reverse current	I _R	-	-	5.0	μA	V _R =1.0V
Operating resistance	Z _Z	-	-	100	Ω	I _Z =5mA

*Zener voltage is measured with 40msec current supply

Diodes

●Electrical characteristic curves

V_Z DISERSION MAPI_R DISERSION MAPC_t DISERSION MAPZ_z-I_Z CHARACTERISTICSR_{th}-t CHARACTERISTICS

ESD DISPERSION MAP

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