

# ESD Protection diode

## FTZ4.3E

●Applications

ESD Protection  
(common anode configuration)

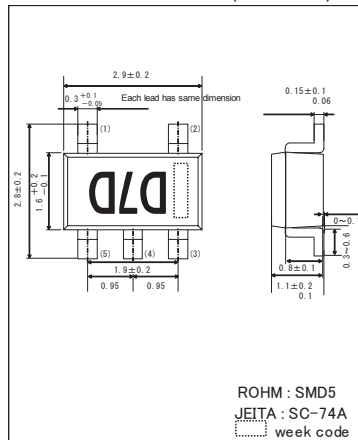
●Features

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

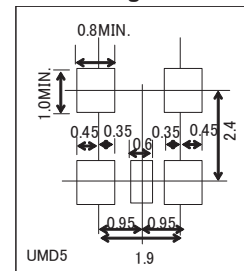
●Construction

Silicon epitaxial planar

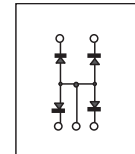
●External dimensions (Unit : mm)



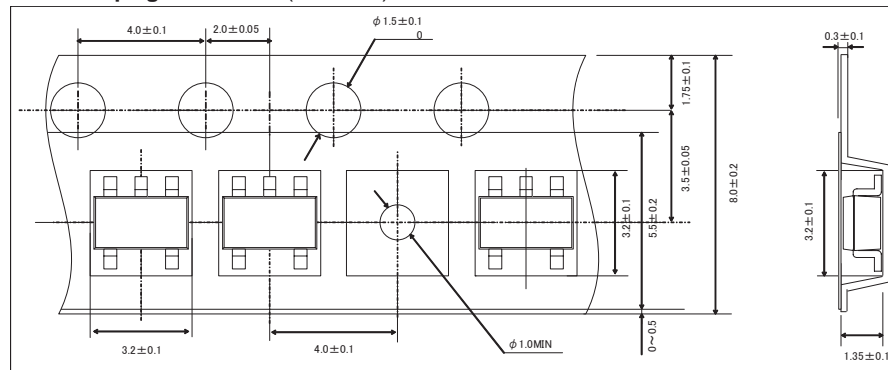
●Land size figure



●Structure



●Taping dimensions (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation (* 1)	P(*)	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

(\* ) Rating of per diode

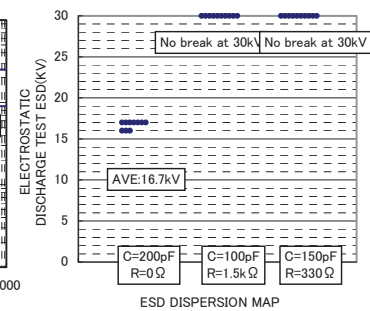
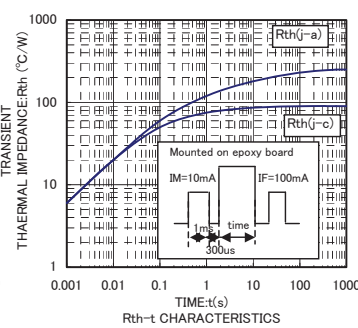
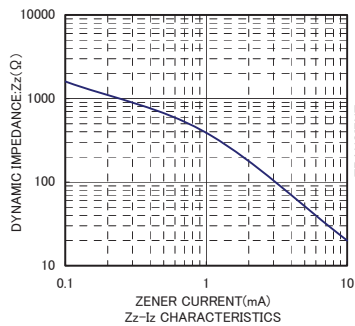
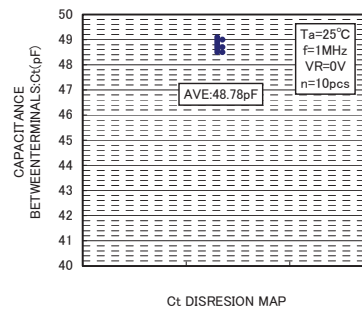
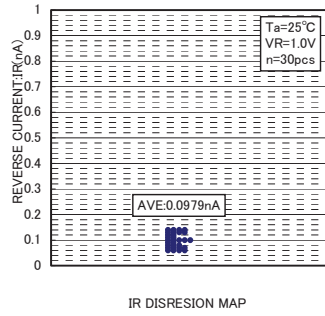
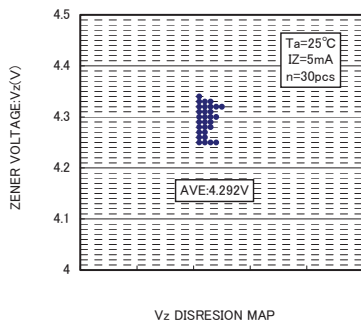
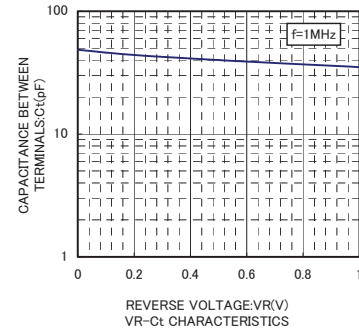
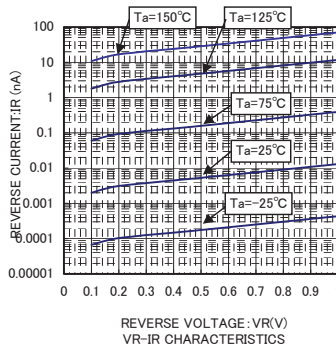
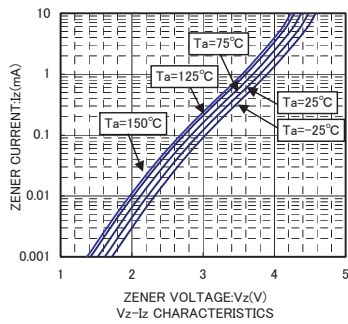
●Electrical characteristic (Ta=25°C) (\* Per chip)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	4.04	-	4.57	V	Iz=5mA
Reverse current	IR	-	-	5.0	μA	VR=1.0V
Operating resistance	Zz	-	-	100	Ω	Iz=5mA

\*Zener voltage is measured with 40msec current supply

Diodes

● Electrical characteristic curves



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