

ESD Protection diode

FTZ30E

●Applications

Voltage regulation
(Common anode dual chips)

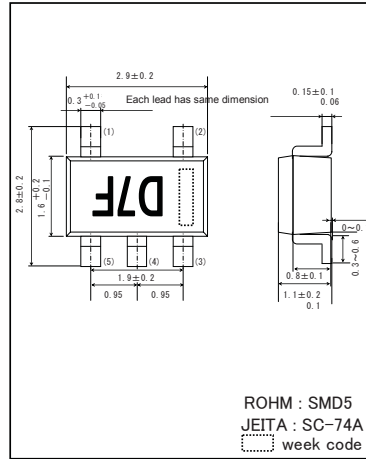
●Features

- 1) Small mold type. (SMD5)
- 2) High reliability

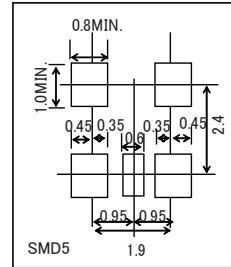
●Construction

Silicon epitaxial planer

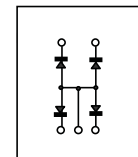
●Dimensions (Unit : mm)



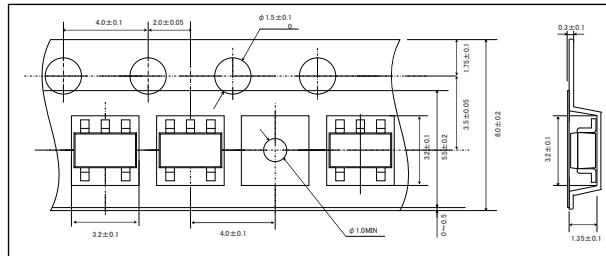
●Land size figure(Unit : mm)



●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

(*1) Total of 4 elements

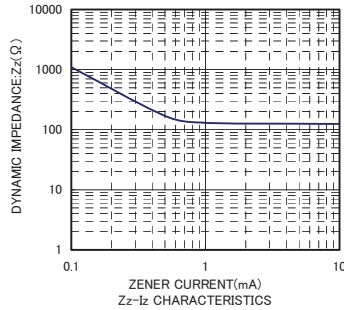
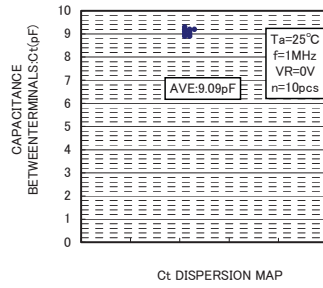
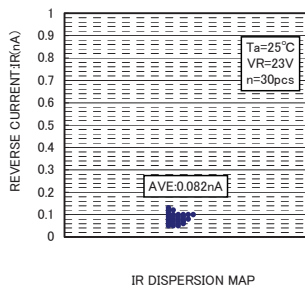
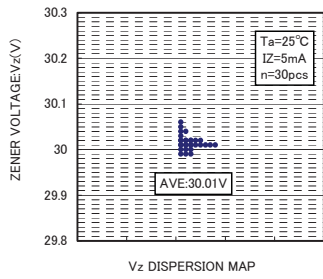
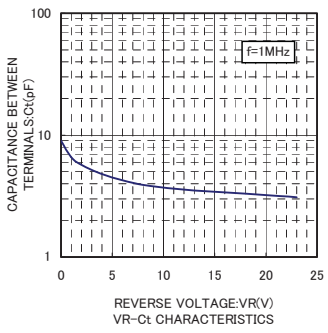
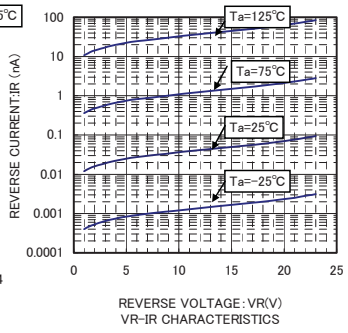
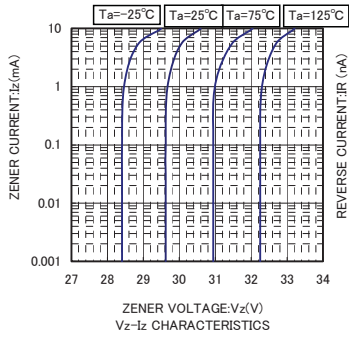
●Electrical characteristic (Ta=25°C, Rating of per diode)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _Z	29.19	-	30.09	V	I _Z =5mA
Reverse current	I _R	-	-	0.5	μA	V _R =23V
Operating resistance	Z _Z	-	-	200	Ω	I _Z =5mA

*Zener voltage is measured with 40m current supply.

Diodes

● Electrical characteristic curves



Notes

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