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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# ESD Protection diode

## FTZ30E

**●Applications**

Voltage regulation  
(Common anode dual chips)

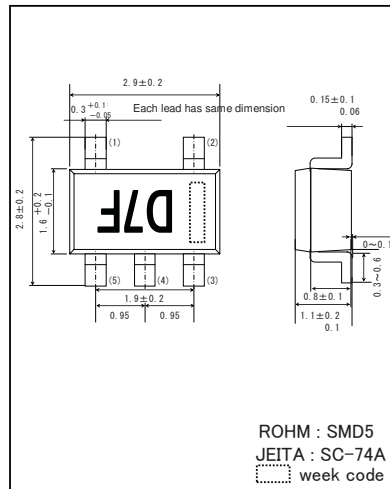
**●Features**

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

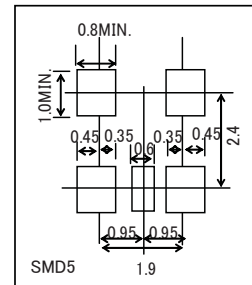
**●Construction**

Silicon epitaxial planer

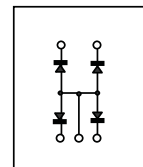
**●Dimensions (Unit : mm)**



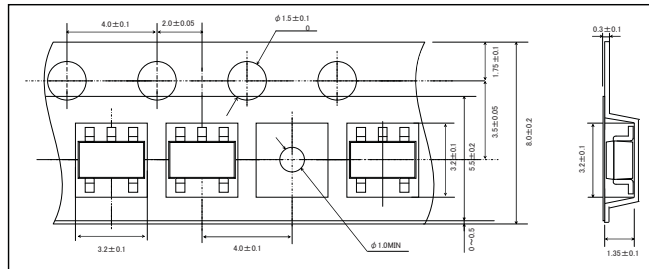
**●Land size figure(Unit : mm)**



**●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

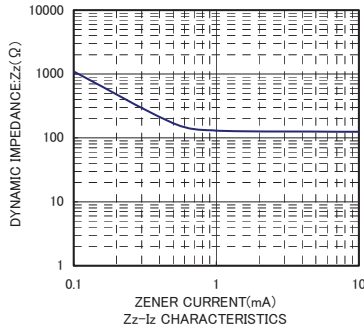
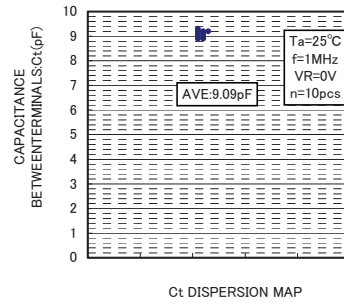
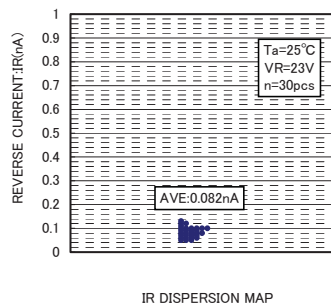
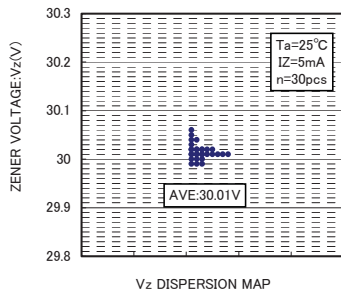
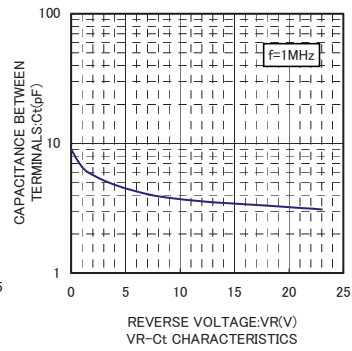
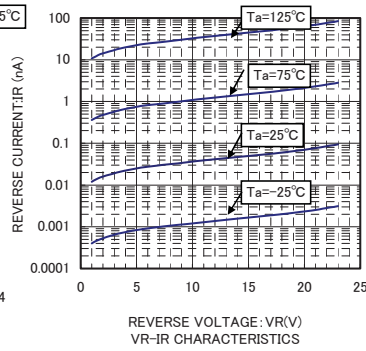
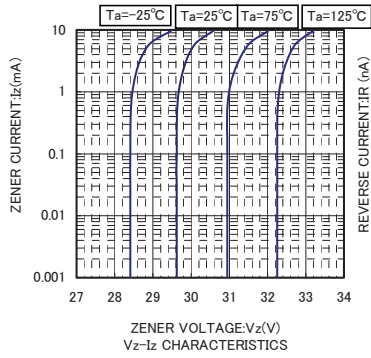
**●Electrical characteristic (Ta=25°C, Rating of per diode)**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	29.19	-	30.09	V	Iz=5mA
Reverse current	IR	-	-	0.5	μA	VR=23V
Operating resistance	Zz	-	-	200	Ω	Iz=5mA

\*Zener voltage is measured with 40m current supply.

Diodes

●Electrical characteristic curves



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