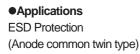
# ESD Protection diode

## FTZU6.2E

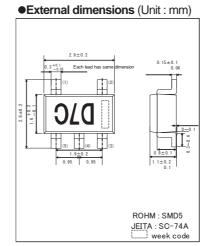


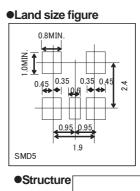
#### Features

Small mold type. (SMD5)
 High reliability

### Construction

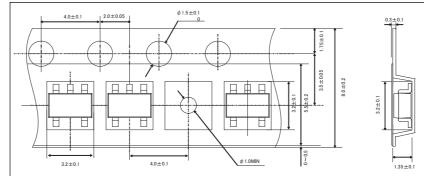
Silicon epitaxial planar







• Taping dimensions (Unit : mm)



#### •Absolute maximum ratings (Ta=25°C)

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

(X)Total of 4 elements

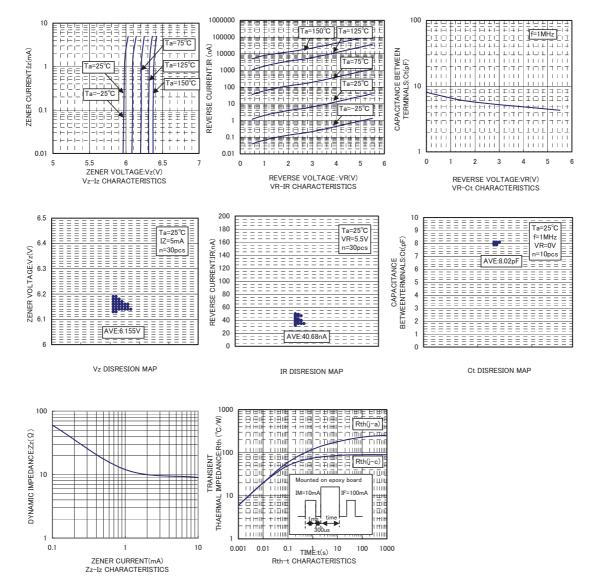
#### •Electrical characteristic (Ta=25°C) (\* Rating of per diode)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	Vz	5.90	-	6.50	V	I <sub>z</sub> =5mA
Reverse current	I <sub>R</sub>	-	-	3.00	μA	V <sub>R</sub> =5.5V
Dynamic impedance	Zz	-	-	60	Ω	lz=5mA
Zener voltage	Zzk	-	-	100	Ω	I <sub>z</sub> =0.5mA
Capacitance between terminals	Ct	-	8	-	рF	f=1MHz VR=0V

\*Zener voltage is measured with 40msec current supply

#### Diodes

#### •Electrical characteristic curves



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