ESD Protection diode

FTZ30E

Applications

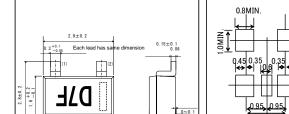
Voltage regulation (Common anode dual chips)

●Features

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

●Construction

Silicon epitaxial planer



●Structure

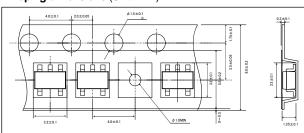
SMD5



●Land size figure(Unit: mm)

●Taping dimensions (Unit: mm)

●Dimensions (Unit:mm)



ROHM: SMD5 JEITA: SC-74A week code

● Absolute maximum ratings (Ta=25°C)

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

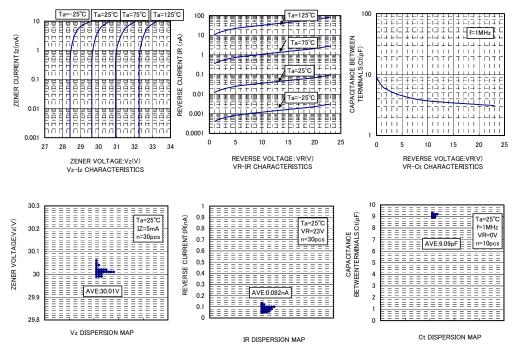
^(*1) Total of 4 elements

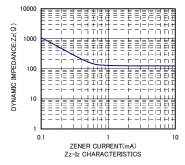
●Electrical characteristic (Ta=25°C, Rating of per diode)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	V_Z	29.19	-	30.09	V	I _Z =5mA
Reverse current	\mathbf{I}_R	-	-	0.5	μA	V _R =23V
Operating resistance	Z _Z	-	-	200	Ω	Iz=5mA

^{*}Zener voltage is measured with 40m current supply.

•Electrical characteristic curves





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ROHM CO., LTD. 21 Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan

TEL:+81-75-311-2121 FAX:+81-75-315-0172



Appendix1-Rev2.0