Zener diode

STZ5.6N

•Applications

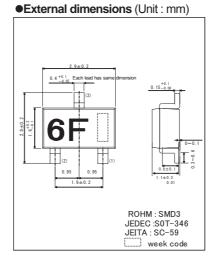
Voltage regulation (Anode common twin type)

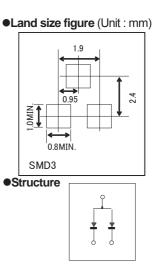
Features

Small mold type. (SMD3)
High reliability.

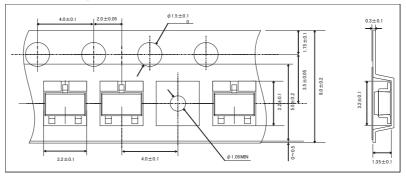
Construction

Silicon epitaxial planar





•Taping specifications (Unit : mm)



•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 2 elements

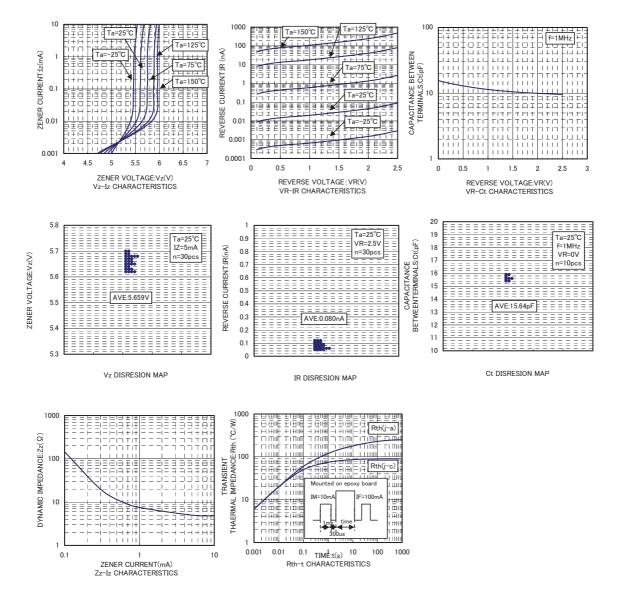
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	Vz	5.31	-	5.92	V	I _z =5mA
Reverse current	I _R	-	-	1.00	μA	V _R =2.5V
Dynamic impedance	Zz	-	-	60	Ω	I _z =5mA
Rising operation resistance	Z _{Zk}	-	-	200	Ω	I _Z =0.5mA



Diodes

Electrical characteristic curves (Ta=25°C)



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