Zener diode

STZ5.6N

Applications

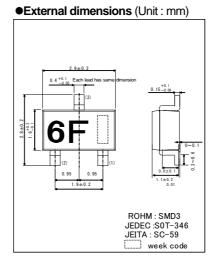
Voltage regulation (Anode common twin type)

● Features

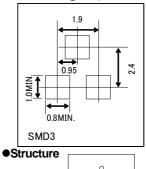
- 1) Small mold type. (SMD3)
- 2) High reliability.

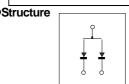
Construction

Silicon epitaxial planar

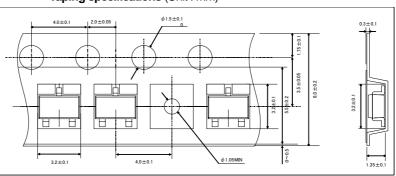


●Land size figure (Unit : mm)





● Taping specifications (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

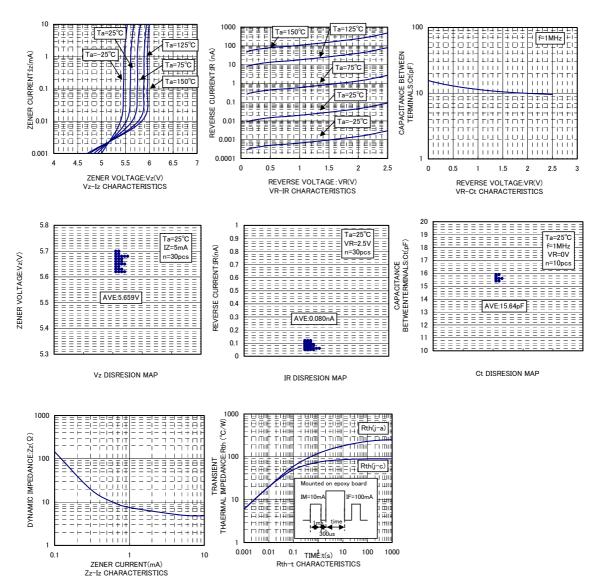
Parameter	Symbol	Limits	Unit
Power dissipation (*1)	Р	200	m W
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

^(*1) Total of 2 elements

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	V_Z	5.31	-	5.92	V	I _Z =5mA
Reverse current	I _R	-	-	1.00	μΑ	V _R =2.5V
Dynamic impedance	Z_Z	-	-	60	Ω	I _Z =5mA
Rising operation resistance	Z_{Zk}	-	-	200	Ω	I _Z =0.5mA

●Electrical characteristic curves (Ta=25°C)



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