

# Zener diode

## STZ6.2N

●Applications

Voltage regulation  
(Anode common twin type)

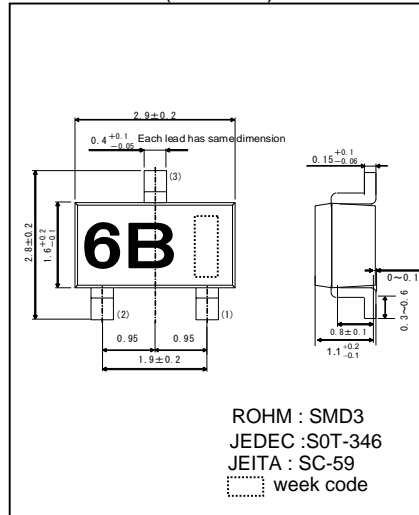
●Features

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

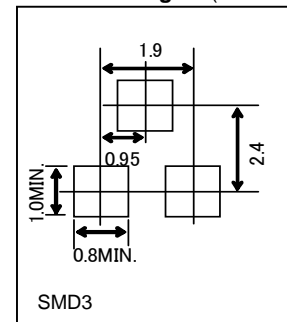
●Construction

Silicon epitaxial planar

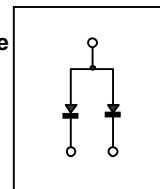
●Dimensions (Unit : mm)



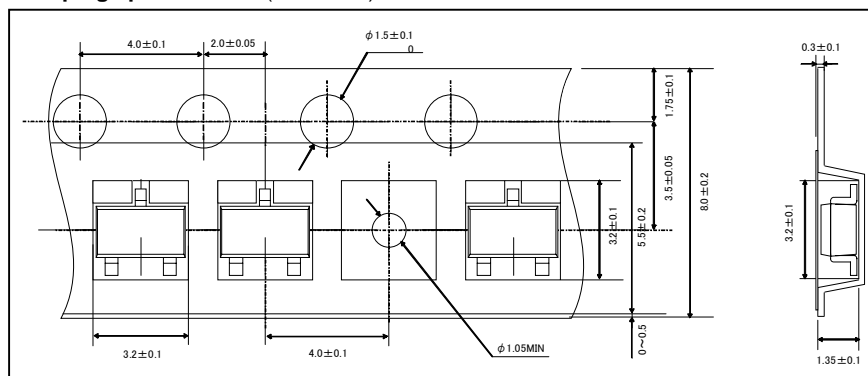
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



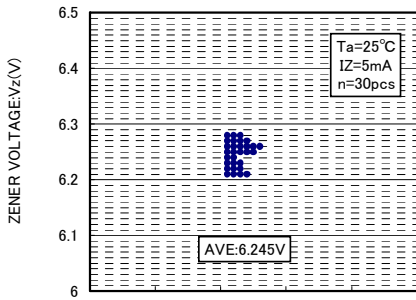
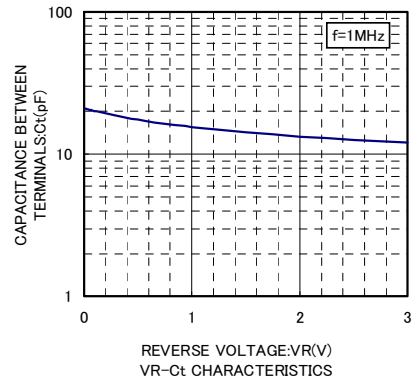
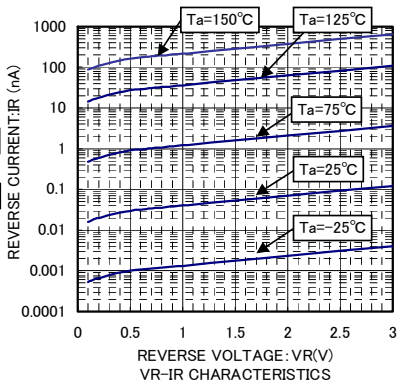
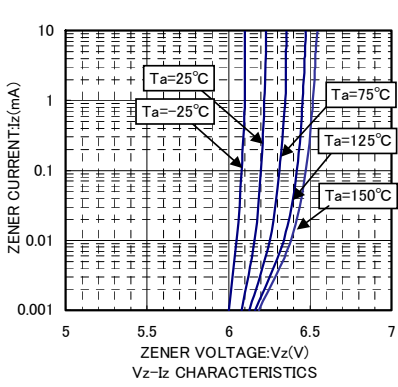
●Absolute maximum ratings (Ta=25°C)

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

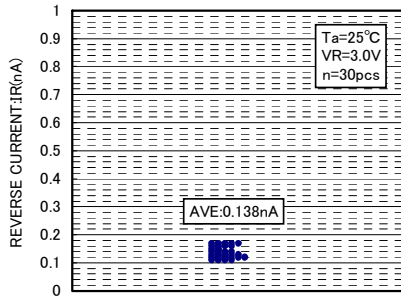
(\*1) Total of 2 elements

●Electrical characteristics (Ta=25°C)

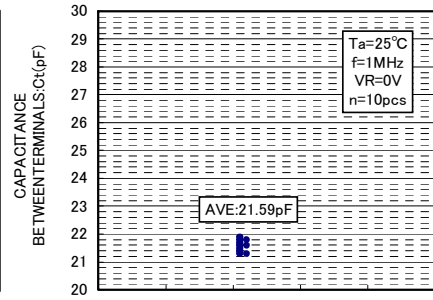
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	5.81	-	6.40	V	Iz=5mA
Reverse current	IR	-	-	1.00	μA	VR=3.0V
Operating resistance	Zz	-	-	60	Ω	Iz=5mA
Rising operating resistance	Zzk	-	-	100	Ω	Iz=0.5mA



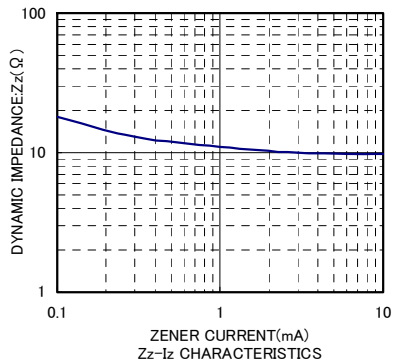
$V_z$  DISRESION MAP



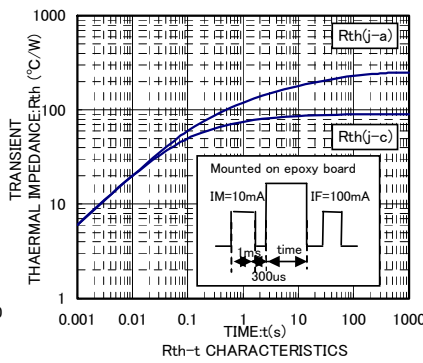
$I_R$  DISRESION MAP



$C_t$  DISRESION MAP



$Z_z$ - $I_z$  CHARACTERISTICS



$R_{th}$ - $t$  CHARACTERISTICS

## Notes

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