

Zener diode

STZ6.2N

FEATURES

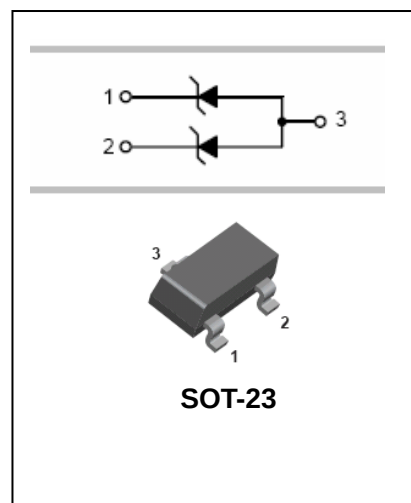
- Small surface mounting type.
- Noise suppression on signal line.
- Multiple diodes with common anode configuration.
- High Reliability.



Lead-free

APPLICATIONS

- Voltage regulation(anode common twin type)



ORDERING INFORMATION

Type No.	Marking	Package Code
STZ6.2N	6B	SOT-23

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Parameter	symbol	limits	unit
Power dissipation	P	200	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

*total of tow elements

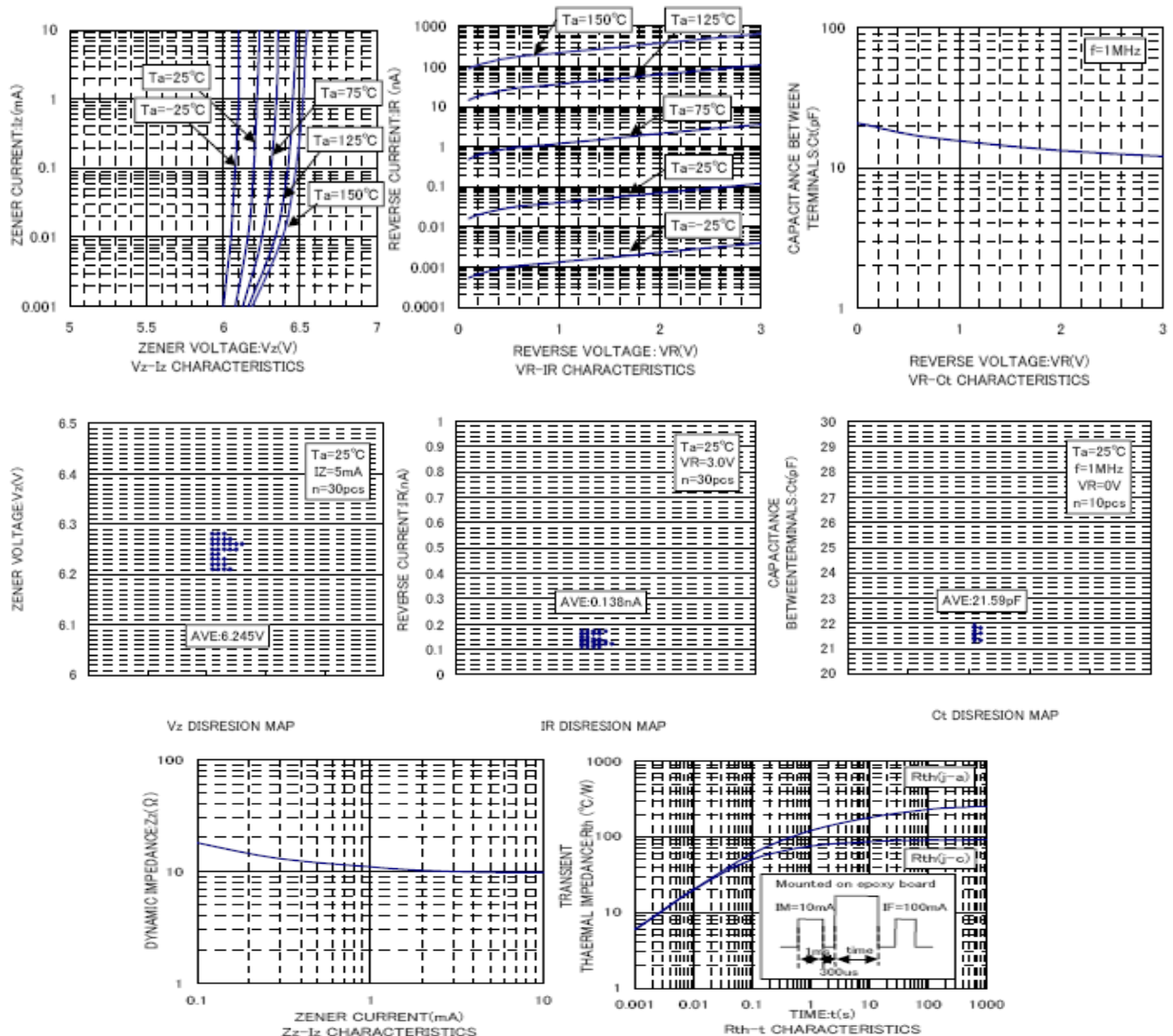
ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	symbol	Min.	Typ.	Max.	unit	conditions
Zener voltage	V _Z	5.81		6.4	V	I _Z =5mA
Reverse current	I _R			1.0	μA	V _R =3.0V
Operating resistance	Z _Z			60	Ω	I _Z =5mA
Rising Operating resistance	Z _{ZK}			100	Ω	I _Z =0.5mA

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TYPICAL CHARACTERISTICS @ $T_a=25^\circ\text{C}$ unless otherwise specified



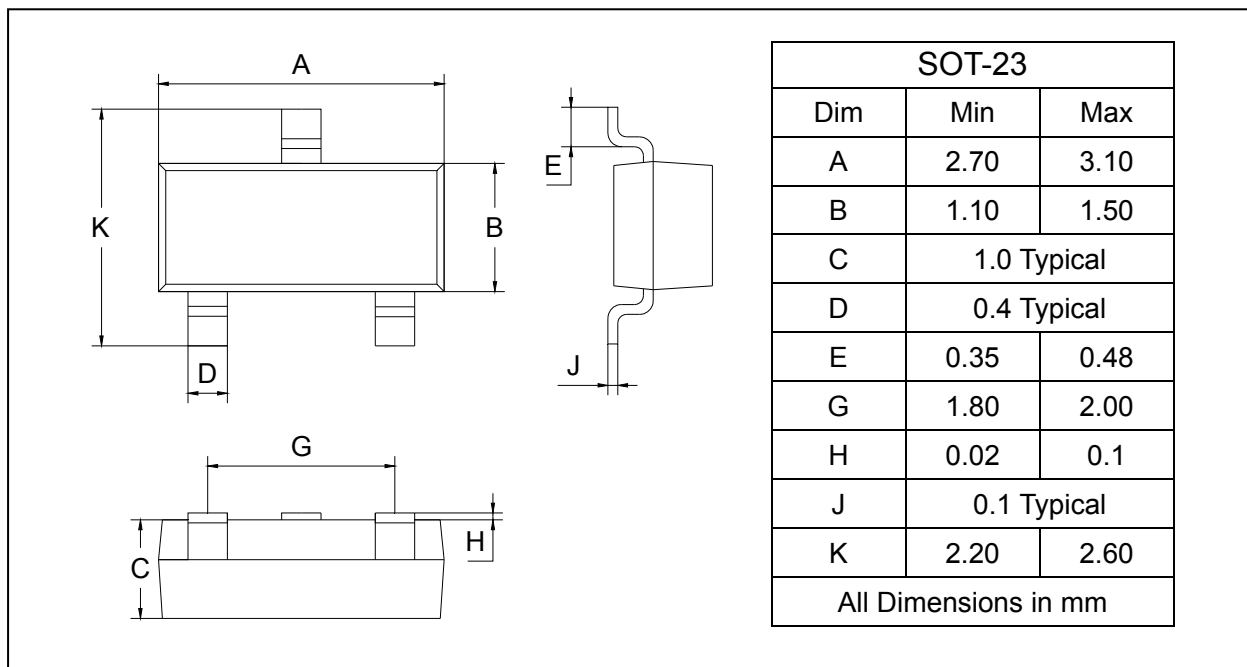
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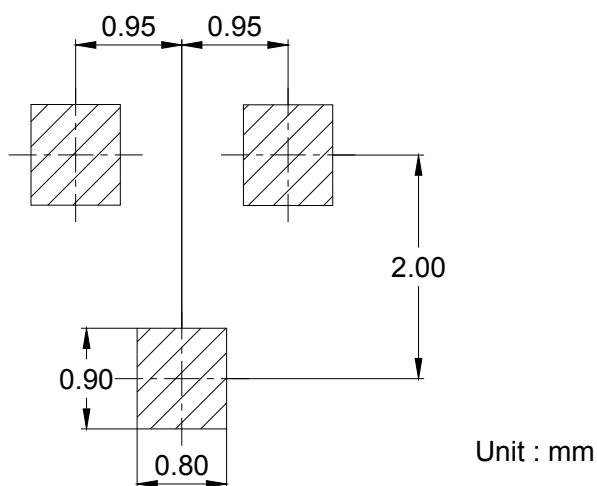
PACKAGE OUTLINE

Plastic surface mounted package

SOT-23



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
STZ6.2N	SOT-23	3000/Tape&Reel