

Zener diode

STZ5.6N

FEATURES

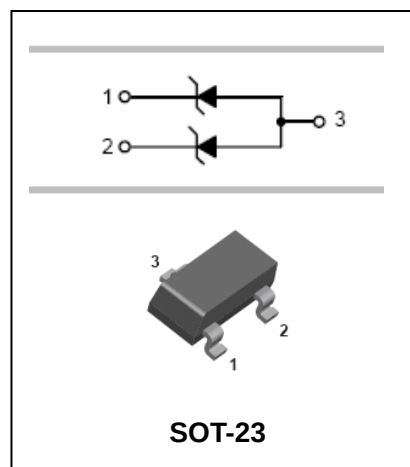
- Small mold type.(SMD3)
- High Reliability.



Lead-free

APPLICATIONS

- Voltage regulation(anode common twin type)



ORDERING INFORMATION

Type No.	Marking	Package Code
STZ5.6N	6F	SOT-23

MAXIMUM RATING @ Ta=25℃ unless otherwise specified

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

***total of 2 elements**

ELECTRICAL CHARACTERISTICS @ Ta=25℃ unless otherwise specified

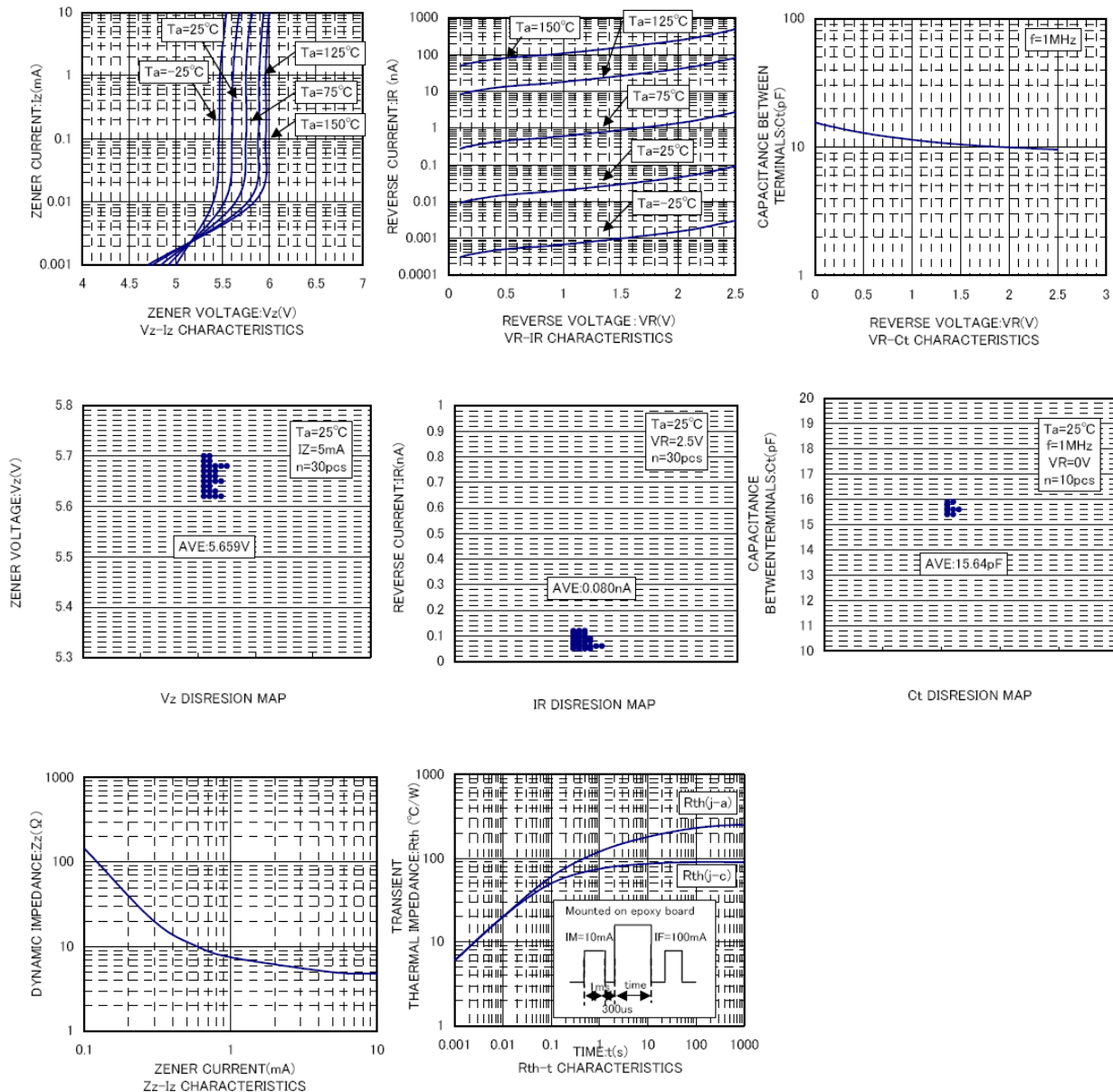
Parameter	symbol	Min.	Typ.	Max.	unit	conditions
Zener voltage	V _Z	5.31		5.92	V	I _Z =5mA
Reverse current	I _R			1.00	μA	V _R =2.5V
Operating resistance	Z _Z			60	Ω	I _Z =5mA
Rising Operating resistance	Z _{ZK}			200	Ω	I _Z =0.5mA



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



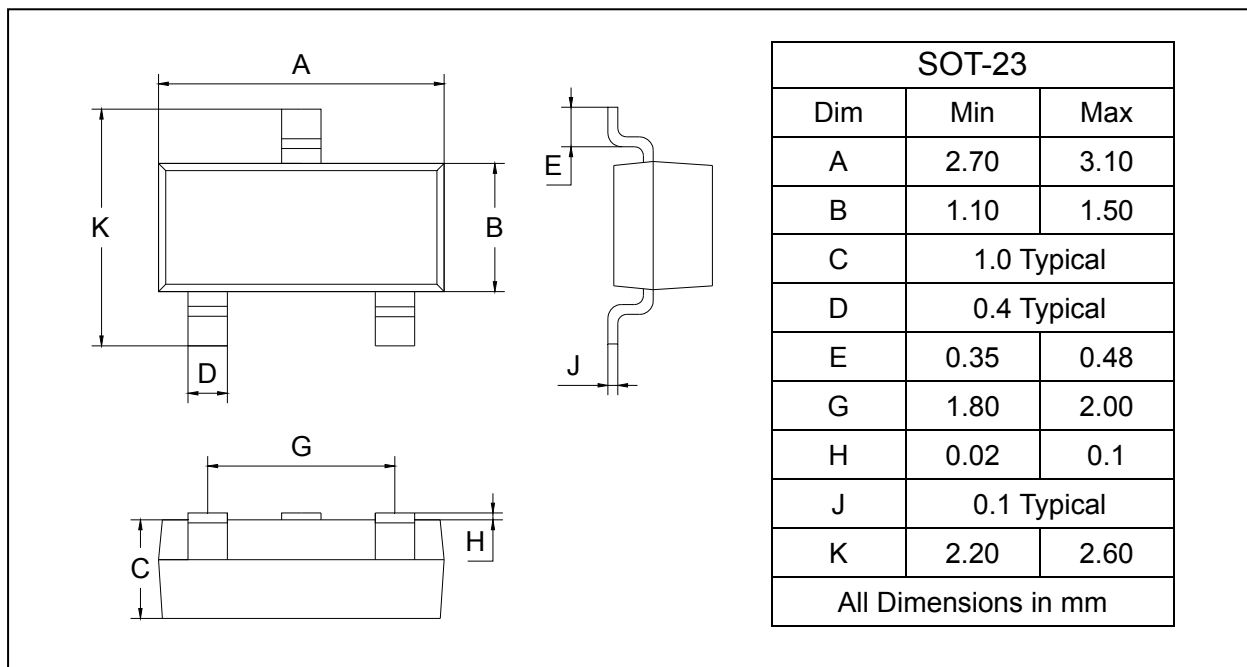
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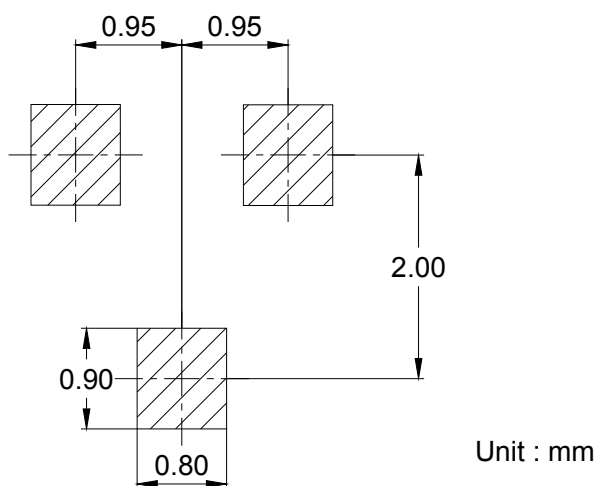
PACKAGE OUTLINE

Plastic surface mounted package

SOT-23



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
STZ5.6N	SOT-23	3000/Tape&Reel