

## Zener diode

## STZ4.3S

### FEATURES

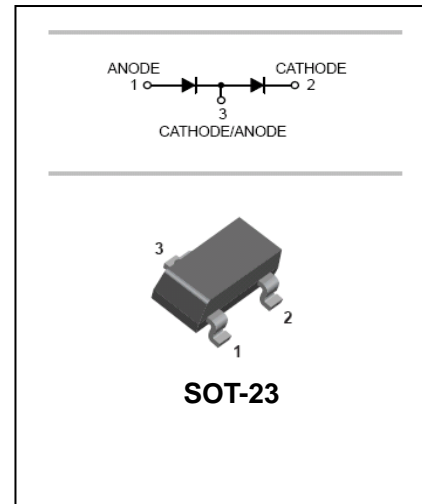
- Small surface mounting type.
- Noise suppression on signal line.
- Multiple diodes with common anode configuration.
- High Reliability.



Lead-free

### APPLICATIONS

- Voltage regulation(anode common twin type)



### ORDERING INFORMATION

Type No.	Marking	Package Code
STZ4.3S	4B	SOT-23

### MAXIMUM RATING @ Ta=25°C unless otherwise specified

Parameter	symbol	limits	unit
Power dissipation	P	350	mW
Junction temperature	T <sub>j</sub>	150	°C
Storage temperature	T <sub>stg</sub>	-65 to +150	°C

**\*total of tow elements**

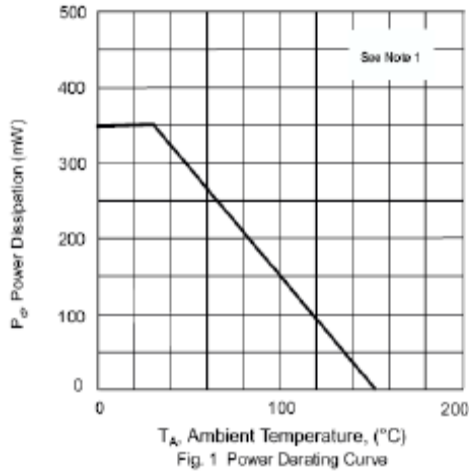
### ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	symbol	Min.	Typ.	Max.	unit	conditions
Zener voltage	V <sub>Z</sub>	4.0	4.3	4.6	V	I <sub>Z</sub> =5mA
Reverse current	I <sub>R</sub>			3.0	μA	V <sub>R</sub> =1.0V
Operating resistance	Z <sub>Z</sub>			90	Ω	I <sub>Z</sub> =5mA
Rising Operating resistance	Z <sub>ZK</sub>			600	Ω	I <sub>Z</sub> =1mA

**Zener diode**

**STZ4.3S**

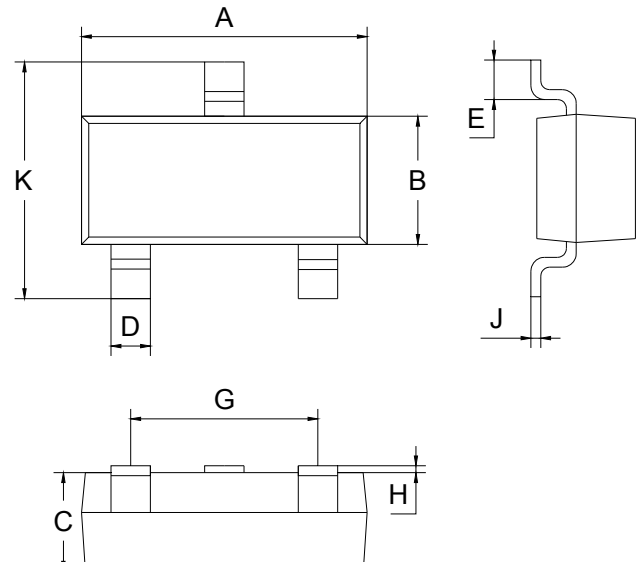
**TYPICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified**



**PACKAGE OUTLINE**

Plastic surface mounted package

SOT-23

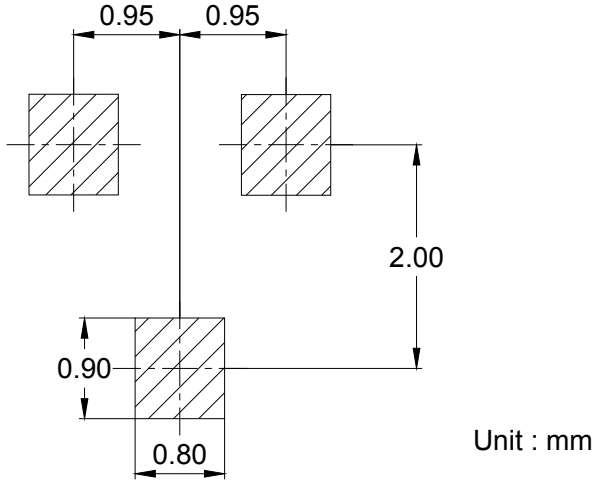


SOT-23		
Dim	Min	Max
A	2.70	3.10
B	1.10	1.50
C	1.0 Typical	
D	0.4 Typical	
E	0.35	0.48
G	1.80	2.00
H	0.02	0.1
J	0.1 Typical	
K	2.20	2.60
All Dimensions in mm		

**Zener diode**

**STZ4.3S**

**SOLDERING FOOTPRINT**



**PACKAGE INFORMATION**

Device	Package	Shipping
STZ4.3S	SOT-23	3000/Tape&Reel