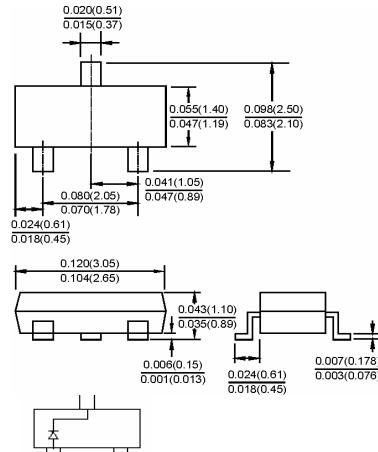


### SOT-23



### Features

- ❖ Surface mount package ideally suited for automatic insertion.

### Applications

- ❖ Sourced from process GD.

### Ordering Information

Dimensions in inches and (millimeters)

Type No.	Marking	Package Code
MMBD301	4T	SOT-23

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

Characteristic	Symbol	Limits	Unit
DC Reverse Voltage	V <sub>R</sub>	30	V
Power Dissipation	P <sub>d</sub>	200	mW
Operating Junction Temperature Range	T <sub>j</sub>	150	°C
Storage Temperature Range	T <sub>STG</sub>	-55 to +150	°C

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

Characteristic	Symbol	Min.	TYP.	MAX	UNIT	Test Condition
Reverse Breakdown Voltage	V <sub>(BR)R</sub>	30			V	I <sub>R</sub> =10µA
Forward Voltage	V <sub>F</sub>			450 600	mV	I <sub>F</sub> =1.0mA I <sub>F</sub> =10mA
Reverse Current	I <sub>R</sub>			0.2	nA	V <sub>R</sub> =3.0V
Diode Capacitance	C <sub>D</sub>			1.5	pF	V <sub>R</sub> =15V,f=1.0MHz