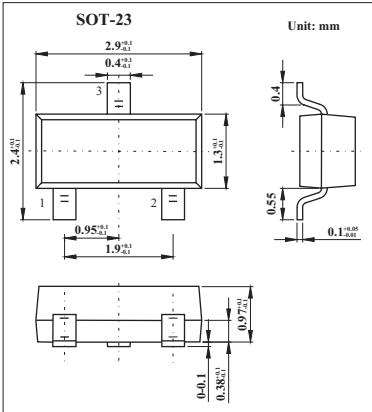


Schottky Barrier Diode
MMBD301

■ Features



■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Value	Unit
Working Inverse Voltage	W IV	25	V
Forward Power Dissipation @ TA = 25 °C	pF	200	mW
Derate above 25 °C		2.0	mW / °C
Storage temperature range	T STG	-55 to +150	°C
Operating Junction Temperature	TJ	-55 to +125	°C

■ Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Max	Unit
Breakdown Voltage	BV	IR= 10 μ A	30		V
Reverse Leakage	IR	VR = 25 V		200	nA
Forward Voltage	VF	IF= 1.0 mA		450	mV
		IF= 10 mA		600	
Capacitance	CT	VR= 15 V, f = 1.0 MHz		1.5	pF

■ Marking

Marking	4T
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