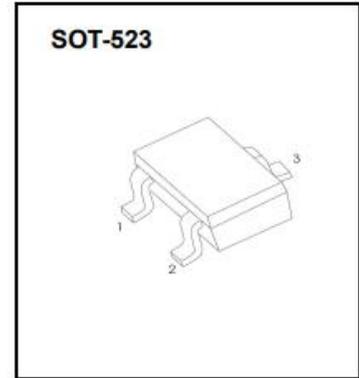
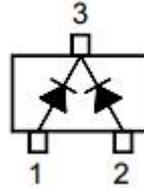


Schottky Barrier Diode

Features

- Low current rectification

Marking Code: **3D**



Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit
Repetitive Peak Reverse Voltage	V _{RM}	40	V
Reverse Voltage	V _R	40	V
Average Rectified Forward Current	I _{F(AV)}	30	mA
Peak Forward Surge Current (t = 8.3 ms)	I _{FSM}	200	mA
Junction Temperature	T _j	125	°C
Storage Temperature Range	T _{stg}	- 55 to + 125	°C

Characteristics at T_a = 25 °C

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage at I _F = 1 mA	V _F	-	-	0.37	V
Reverse Breakdown Voltage at I _R = 10 μA	V _{(BR)R}	40	-	-	V
Reverse Current at V _R = 10 V	I _R	-	-	1	μA
Capacitance between Terminals at V _R = 1 V, f = 1 MHz	C _t	-	2	-	pF

