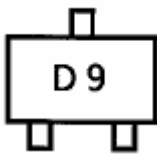
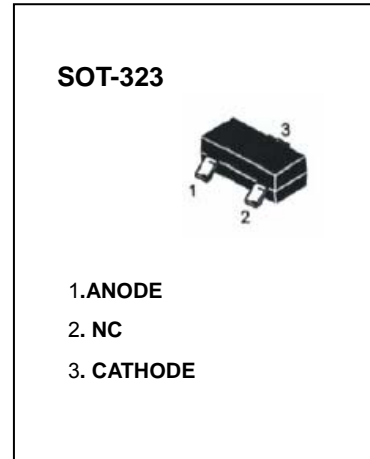


## Schottky DIODES

### FEATURES

- Low forward voltage :  $V_F=0.38V(\text{typ.})$
- Low reverse current :  $I_R=50\mu A(\text{max})$
- Small total capacitance :  $C_T=46\text{pF}(\text{typ.})$



MARKING:

### Maximum Ratings @ $T_A=25^\circ\text{C}$

Parameter	Symbol	Limits	Unit
Non-Repetitive Peak reverse voltage	$V_{RM}$	25	V
Peak Repetitive Peak reverse voltage	$V_{RRM}$	20	V
Working Peak Reverse Voltage	$V_{RWM}$		
DC Blocking Voltage	$V_R$		
Forward Continuous Current	$I_{FM}$	700	mA
Average Rectified Output Current	$I_O$	300	mA
Power Dissipation	$P_d$	100	mW
Junction temperature	$T_J$	125	$^\circ\text{C}$
Storage temperature range	$T_{STG}$	-55-125	$^\circ\text{C}$

### Electrical Characteristics @ $T_A=25^\circ\text{C}$

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Reverse Breakdown Voltage	$V_{(BR)R}$	20			V	$I_R=100\mu A$
Forward voltage	$V_{F1}$		0.16		V	$I_F=1\text{mA}$
	$V_{F2}$		0.22		V	$I_F=10\text{mA}$
	$V_{F3}$		0.38	0.45	V	$I_F=300\text{mA}$
Reverse current	$I_R$			50	$\mu A$	$V_R=20\text{V}$
Capacitance between terminals	$C_T$		46		pF	$V_R=0, f=1\text{MHz}$

## Typical Characteristics

