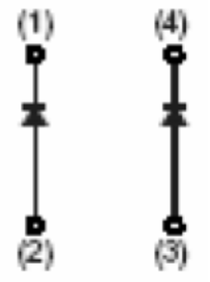
SCHOTTKY BARRIER DIODE

VOLTAGE RANGE: 40 VOLTS
CURRENT: 1A

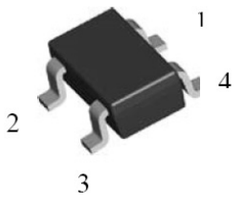
FEATURES

- Low Current Rectification
- High Reliability



MARKING: 3T

SOT-343



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25℃ ambient temperature unless otherwise specified.

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Parameters	Symbols	Limits	UNITS
Peak Reverse Voltage	V_{RM}	45	V
DC Reverse Voltage	V_R	40	V
Peak Forward Current	I_{FM}	1	A
Mean Rectifying Current	I_O	0.1	A
Junction Temperature	T_J	125	℃
Storage Temperature	T_{STG}	-40~+125	℃

ELECTRICAL RATINGS

Parameters	Symbols	Test conditions	Min.	Typ.	Max.	UNITS
Forward Voltage	V_F	I_F=10mA I_F=100mA			450 600	mV
Reverse Current	I_R	V_R=10V V_R=40V			1 5	μA
Capacitance between Terminals	C_T	V_R =0V V_R =10V, f=1MHz		 6	25	pF