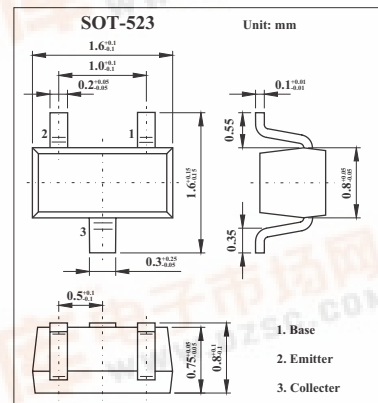


SMD Type Diodes

Schottky Diode
 BAS70T;BAS70-04T
 BAS70-05T;BAS70-06T

■ Features

- Low Turn-on voltage
- Fast switching
- Ultra-small surface mount package
- Also available in lead free version



■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Value	Unit
DC Voltage	V _{RRM}	70	V
Forward Continuous Current	V _{RWM}	70	mA
Power dissipation	V _R	150	mW
Junction and Storage Temperature	T _J , T _{stg}	-55 to +150	°C

■ Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Max	Unit
Reverse breakdown voltage	V _{(BR)R}	I _R =10 μA	70		V
Reverse voltage leakage current	I _R	V _R =50 V		100	nA
Forward voltage	V _F	I _F =1 mA		410	mV
		I _F =15 mA		1000	
Diode capacitance	C _d	V _R =0, f=1MHz		2	pF
Reverse Recovery Time	t _{rr}	I _F =I _R =10 mA I _{rr} =0.1X I _R , R _L =100 Ω		5	ns

■ Marking

Type	BAS70T	BAS70-04T	BAS70-05T	BAS70-06T
Marking	7C	7D	7E	7F