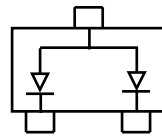
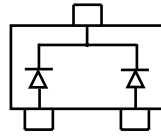
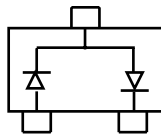
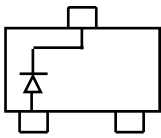


**BAS70/-04/-05/-06** SWITCHING DIODE**FEATURES**

- Low Turn-on voltage
- Fast switching
- Also available in lead free version

SOT-23**MAXIMUM RATINGS @T_A=25°C**

Symbol	Parameter	Value	Units
V _R	DC Voltage	70	V
I _F	Forward Continuous Current	70	mA
P _D	Power dissipation	200	mW
T _J	Junction Temperature	150	°C
T _{stg}	Storage Temperature	-55-150	°C

ELECTRICAL CHARACTERISTICS (T_{amb}=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	V _(BR) R	I _R = 10μA	70		V
Reverse voltage leakage current	I _R	V _R =50V		120	nA
Forward voltage	V _F	I _F =1mA I _F =15mA		410 1000	mV
Diode capacitance	C _D	V _R =0V f=1MHz		2	pF
Reverse recovery time	t _{rr}	I _F =I _R =10mA, I _{rr} =0.1xI _R , R _L =100Ω		5	nS

