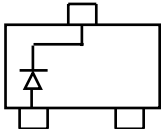


SCHOKKTY DIODE

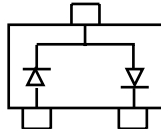
FEATURES

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

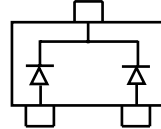
SOT-323



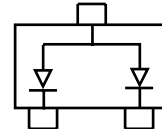
BAS70W Marking: K73



BAS70W-04 Marking: K74



BAS70W-05 Marking: K75



BAS70W-06 Marking: K76

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	125	°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		100	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
Reveres recovery time	t _{rr}	I _F =I _R =10mA,I _{rr} =0.1xI _R , R _L =100Ω		5	nS

Typical Characteristics

