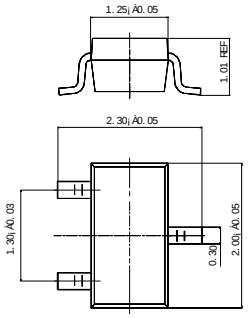
BAS70W SERIES SCHOTTKY DIODE

SOT-323

1. BASE
2. EMITTER
3. COLLECTOR





Unit: mm

FEATURES

Power dissipation

$P_{D:}$ 200 mW (Tamb=25℃)

Collector current

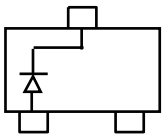
$I_{F:}$ 70 mA

Collector-base voltage

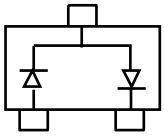
V_R: 70 V

Operating and storage junction temperature range

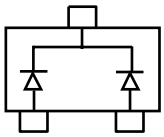
T_J, T_{stg}: -55℃ to +150℃



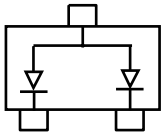
BAS70W Marking: K73



BAS70W-04 Marking: K74



BAS70W-05 Marking: K75



BAS70W-06 Marking: K76

ELECTRICAL CHARACTERISTICS (Tamb=25℃ 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=10mA through I_R=10mA to I_R=1mA		5	nS