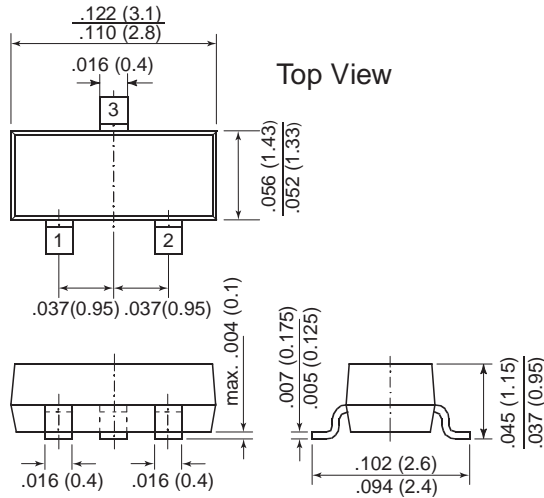




Schottky Diodes

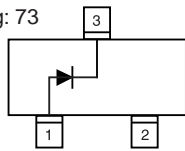
TO-236AB (SOT-23)



Dimensions in inches and (millimeters)

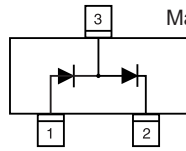
BAS70

Marking: 73



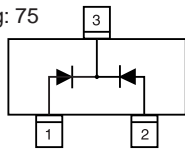
BAS70-04

Marking: 74



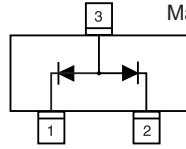
BAS70-05

Marking: 75

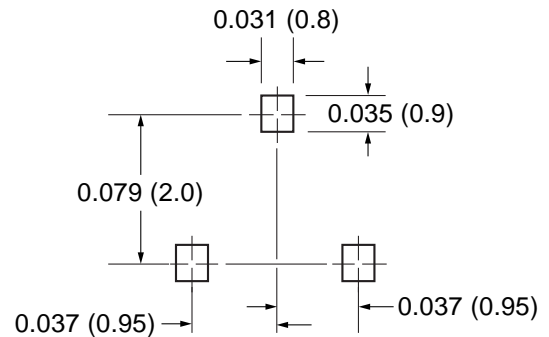


BAS70-06

Marking: 76



Mounting Pad Layout



Maximum Ratings and Thermal Characteristics (T_A = 25°C unless otherwise noted)

Parameter	Symbol	Value	Unit
Repetitive Peak Reverse Voltage	V _{RRM}	70	V
Forward Continuous Current at T _{amb} = 25°C	I _F	200 ⁽¹⁾	mA
Surge Forward Current at t _p < 1 s, T _{amb} = 25°C	I _{FSM}	600 ⁽¹⁾	mA
Power Dissipation ⁽¹⁾ at T _{amb} = 25°C	P _{tot}	200 ⁽¹⁾	mW
Thermal Resistance Junction to Ambient Air	R _{θJA}	430 ⁽¹⁾	°C/W
Junction Temperature	T _j	150	°C
Storage Temperature Range	T _s	-55 to +150	°C

Note:

(1) Device on fiberglass substrate, see layout on next page.

