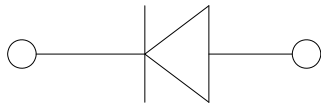
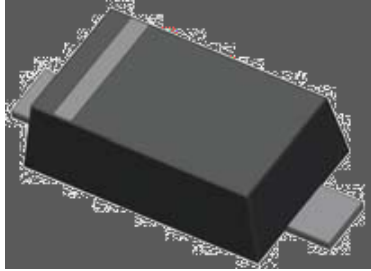


Small-Signal Fast Switching Diodes



Features

VR 75V
I_{F(AV)} 200mA

Typical Applications

Fast Switching Speed

Mechanical Data

Package: SOD523

Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: Cathode line denotes the cathode end

Marking: S1

Maximum Ratings (T_a=25 °C Unless

5

ê Peak forward surge current

	FSM	A	Pulse width=1ms	1
Average forward current	I _{FAV}	mA		200
Power dissipation	P _{tot}	mW		200
Maximum junction temperature	T _j			150
Storage temperature range	T _{stg}			-55 to +150

Electrical Characteristics T_a=25 °C Unless otherwise specified

				Min	Max
Breakdown Voltage	V _R	V	I _R =100uA	75	
Forward Voltage	V _F	V	I _F =1mA		0.9
			I _F =10mA		1.0
			I _F =50mA		1.1
			I _F =150mA		1.25
Reverse Leakage Current	I _R	nA	V _R =75V		5



Ordering Information (Example)



Outline Dimensions

Soldering Footprint



BAS716

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