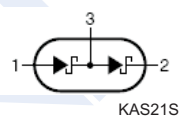
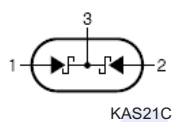
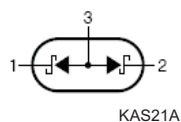
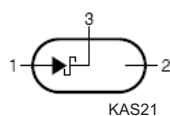
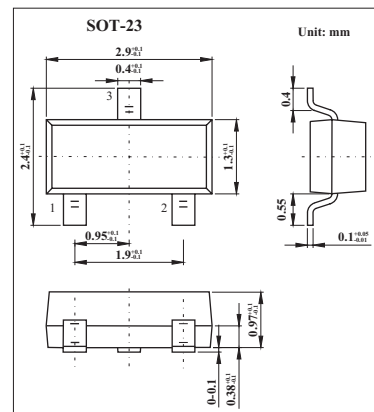


Surface Mount Switching Diodes

KAS21,A,C,S
(BAS21,A,C,S)

■ Features

- Fast Switching Speed
- Surface Mount Package Ideally Suited for Automatic Insertion
- High Conductance
- For General Purpose Switching Applications

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Reverse Voltage	V_R	250	V
Forward Current	I_F	200	mA
Power Dissipation	P_D	200	mW
Operating Junction Temperature Range	T_J	-55 to +150	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-55 to +150	$^\circ\text{C}$

■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Reverse Breakdown Voltage	$V_{(BR)}$	$I_R = 100 \mu\text{A}$	250			V
Forward Voltage	V_F	$I_F = 100\text{mA}$ $I_F = 200\text{mA}$			1.0 1.25	V
Reverse Leakage	I_R	$V_R = 200\text{V}$			1.0	μA
Junction Capacitance	C_j	$V_R = 0\text{V}$, $f = 1.0\text{MHz}$			5.0	pF
Reverse Recover Time	T_{rr}				50	nS

■ Marking

NO.	KAS21	KAS21A	KAS21C	KAS21S
Marking	JS	JS2	JS3	JS4