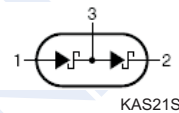
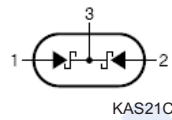
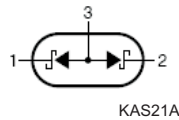
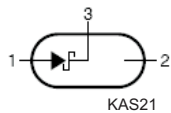
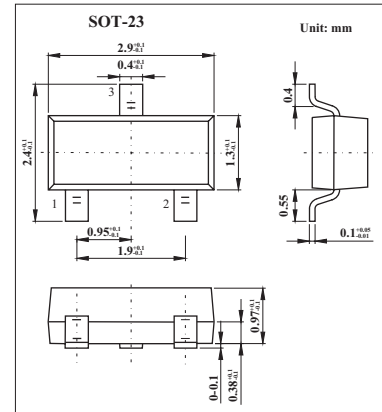


## Surface Mount Switching Diodes

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	Testconditions	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	$\mu\text{A}$
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