



SOT-23 Plastic-Encapsulate Diodes

MMBD4148 SWITCHING DIODE

FEATURES

Power dissipation

P_D : 350 mW ($T_{amb}=25^{\circ}C$)

Forward Current

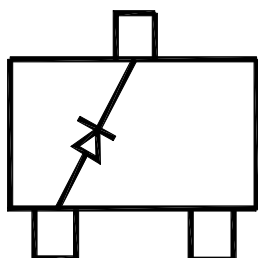
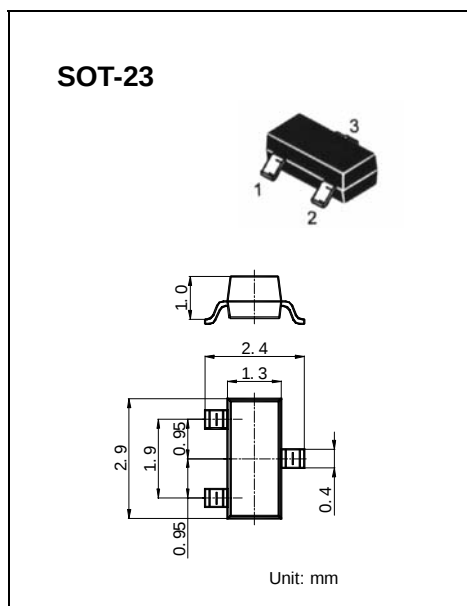
I_F : 300 mA

Reverse Voltage

V_R : 75 V

Operating and storage junction temperature range

T_J, T_{stg} : $-55^{\circ}C$ to $+150^{\circ}C$



Marking KA2

ELECTRICAL CHARACTERISTICS ($T_{amb}=25^{\circ}C$ unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)}$	$I_R=100\mu A$	75		V
Reverse voltage leakage current	I_R	$V_R=75V$		2.5	μA
Forward voltage	V_F	$I_F=150mA$		1.25	V
Diode capacitance	C_D	$V_R=0V, f=1MHz$		2	pF
Reverse recovery time	t_{rr}			4	nS