



## Schottky Barrier Diodes

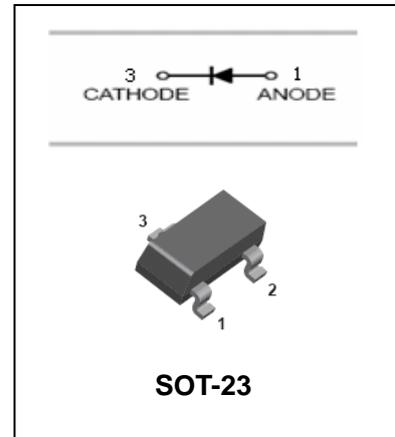
## MMBD701

### FEATURES

- Surface mount package ideally suited for automatic insertion.



Lead-free



### APPLICATIONS

- Sourced from process GE.

### ORDERING INFORMATION

Type No.	Marking	Package Code
MMBD701	5HF	SOT-23

### MAXIMUM RATING @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Limits	Unit
DC Reverse Voltage	$V_R$	70	V
Working inverse Voltage	$W_{iv}$	35	V
Power Dissipation	$P_d$	200	mW
Operating Junction Temperature	$T_j$	-55 to +125	°C
Storage Temperature	$T_{STG}$	-55 to +150	°C

### ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Min.	TYP.	MAX	UNIT	Test Condition
Reverse Breakdown Voltage	$V_{(BR)R}$	70			V	$I_R=10\mu A$
Forward Voltage	$V_F$			500 1000	mV	$I_F=1.0mA$ $I_F=10mA$
Reverse Current	$I_R$			200	nA	$V_R=35V$
Diode Capacitance	$C_D$			1.0	pF	$V_R=20V, f=1.0MHz$

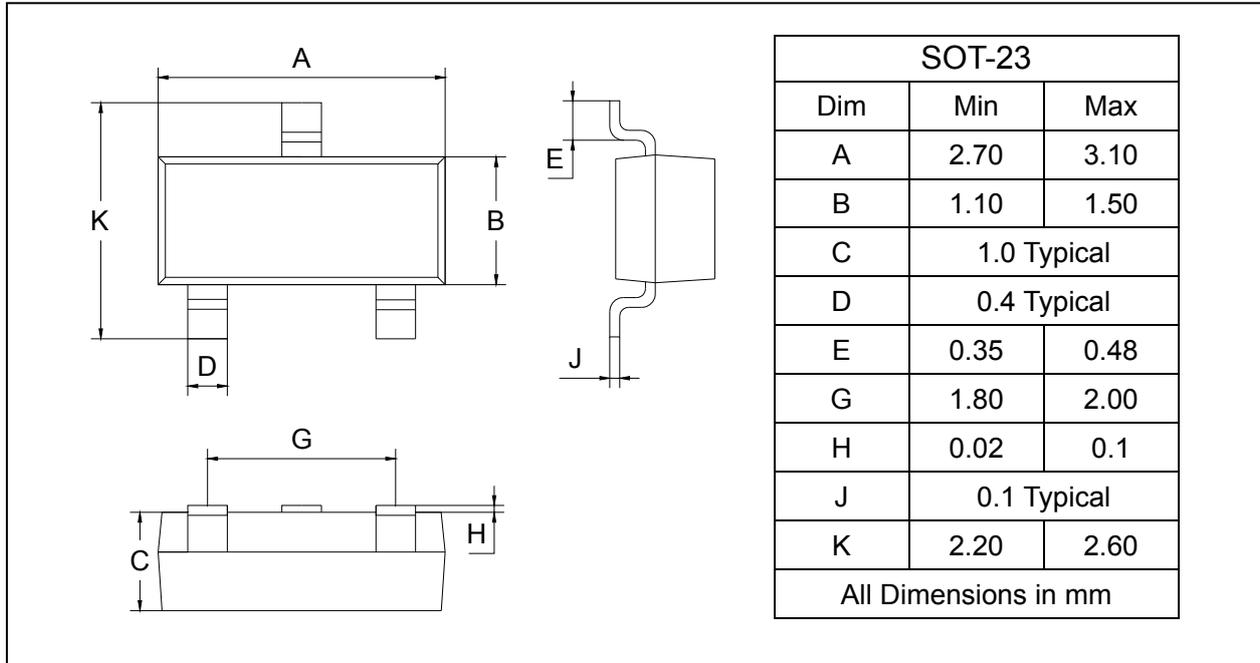
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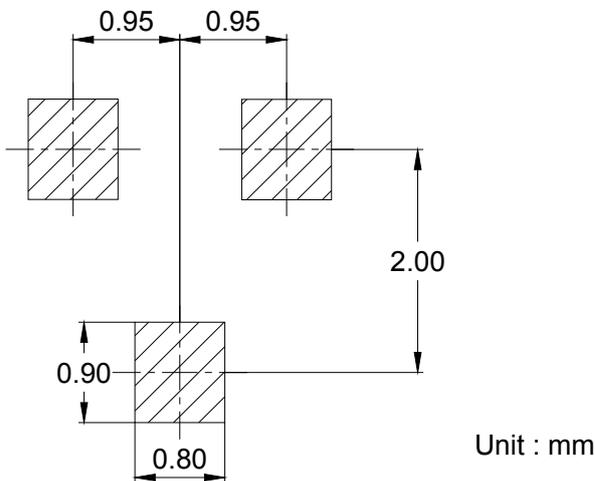
### PACKAGE OUTLINE

Plastic surface mounted package

SOT-23



### SOLDERING FOOTPRINT



### PACKAGE INFORMATION

Device	Package	Shipping
MMBD701	SOT-23	3000/Tape&Reel