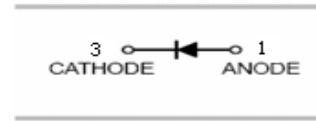




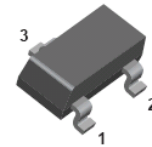
FEATURES

- Surface mount package ideally suited for automatic insertion



APPLICATIONS

- Sourced from process GE



SOT-23

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

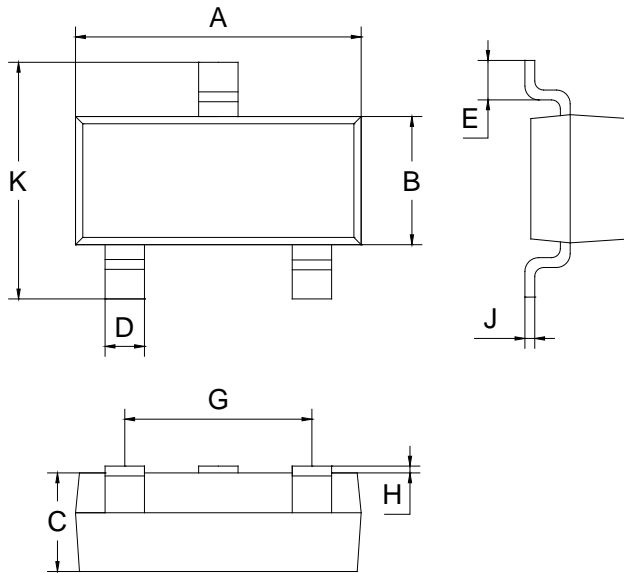
Characteristic	Symbol	Min.	TYP.	MAX	UNIT	Test Condition
Reverse Breakdown Voltage	$V_{(BR)R}$	70			V	$I_R=10\mu A$
Forward Voltage	V_F			500 1000	mV	$I_F=1.0mA$ $I_F=10mA$
Reverse Current	I_R			200	nA	$V_R=35V$
Diode Capacitance	C_D			1.0	pF	$V_R=20V, f=1.0MHz$



PACKAGE OUTLINE

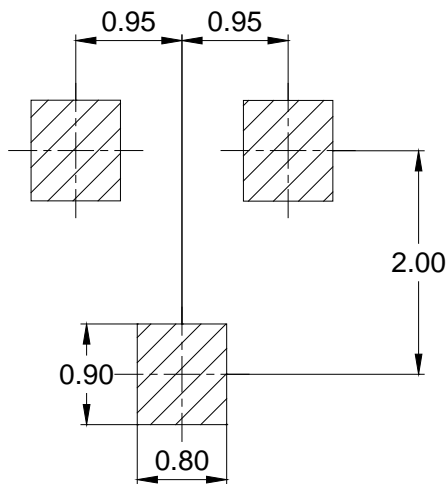
Plastic surface mounted package

SOT-23



SOT-23		
Dim	Min	Max
A	2.70	3.10
B	1.10	1.50
C	0.90	1.10
D	0.30	0.50
E	0.35	0.48
G	1.80	2.00
H	0.02	0.10
J	0.05	0.15
K	2.20	2.60
All Dimensions in mm		

SOLDERING FOOTPRINT



Unit: mm

PACKAGE INFORMATION

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