

# MMBD352WT1

## ELECTRICAL CHARACTERISTICS (T<sub>A</sub> = 25°C unless otherwise noted)

Characteristic	Symbol	Min	Max	Unit
<b>OFF CHARACTERISTICS</b>				
Forward Voltage (I <sub>F</sub> = 10 mAdc)	V <sub>F</sub>	–	0.60	V
Reverse Voltage Leakage Current (V <sub>R</sub> = 3.0 V) (V <sub>R</sub> = 7.0 V)	I <sub>R</sub>	– –	0.25 10	μA
Capacitance (V <sub>R</sub> = 0 V, f = 1.0 MHz)	C	–	1.0	pF

## TYPICAL CHARACTERISTICS

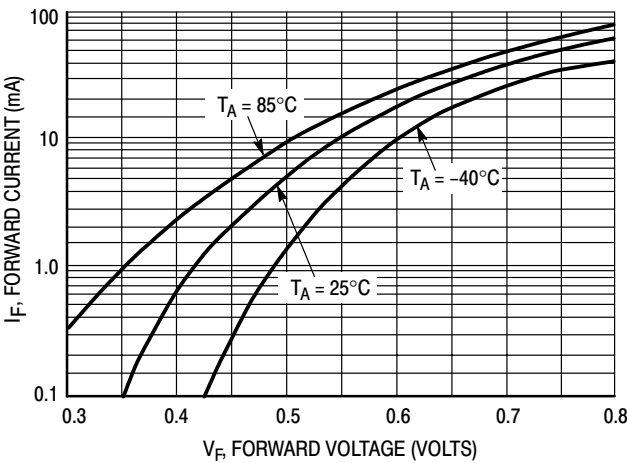


Figure 1. Forward Voltage

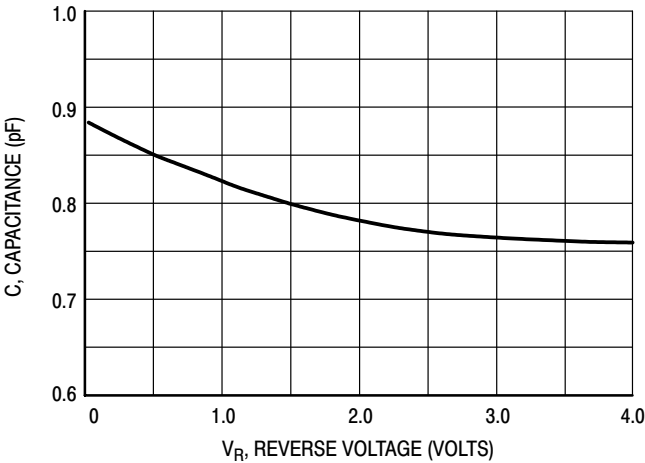
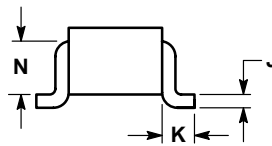
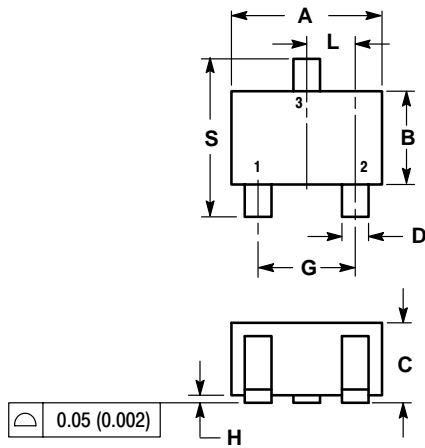


Figure 2. Capacitance

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## PACKAGE DIMENSIONS

SOT-323 / SC-70  
CASE 419-04  
ISSUE L



### NOTES:

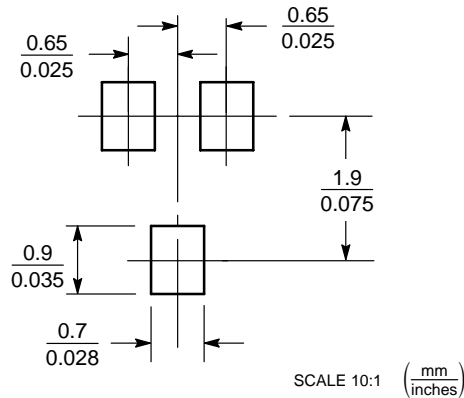
1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
2. CONTROLLING DIMENSION: INCH.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.071	0.087	1.80	2.20
B	0.045	0.053	1.15	1.35
C	0.032	0.040	0.80	1.00
D	0.012	0.016	0.30	0.40
G	0.047	0.055	1.20	1.40
H	0.000	0.004	0.00	0.10
J	0.004	0.010	0.10	0.25
K	0.017 REF		0.425 REF	
L	0.026 BSC		0.650 BSC	
N	0.028 REF		0.700 REF	
S	0.079	0.095	2.00	2.40

### STYLE 9:


- PIN 1: ANODE
- CATHODE
- CATHODE-ANODE

## SOLDERING FOOTPRINT\*



\*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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