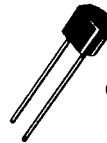


# Hot-Carrier (Schottky) Diodes



CASE 182-02  
(TO-226AC)  
TO-92



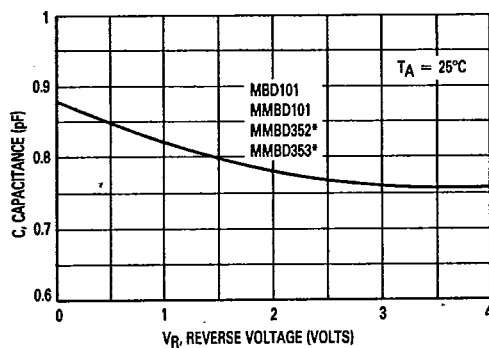
CASE 318-02  
(TO-236AA)  
Standard

Hot-Carrier diodes are ideal for VHF and UHF mixer and detector applications as well as many higher frequency applications. They provide stable electrical characteristics by eliminating the point-contact diode presently used in many applications.

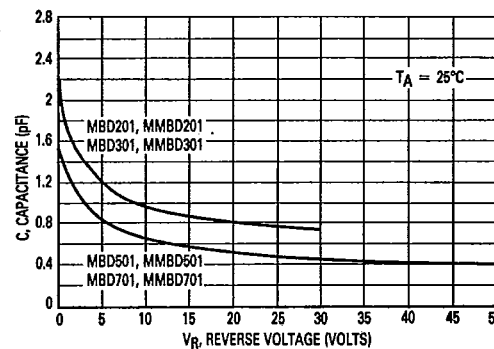
$V_{(BR)R}$ $I_R = 10 \mu A$ Volts Min	$C_T$ $f = 1 \text{ MHz}$ pF Max @ V <sub>R</sub> Volts	$V_F$ $I_F = 10 \text{ mA}$ Volts Max	$I_R$ nA Max @ V <sub>R</sub> Volts	Device Type	Case	Package Style		
4	1	0	0.6	250	3	MBD101	182	1
4	1	0	0.6	250	3	MMBD101	318	8
4	1	0	0.6	250	3	MMBD352*	318	11
4	1	0	0.6	250	3	MMBD353*	318	19
20	1.5	15	0.6	200	15	MBD201	182	1
20	1.5	15	0.6	200	15	MMBD201	318	8
30	1.5	15	0.6	200	25	MBD301	182	1
30	1.5	15	0.6	200	25	MMBD301	318	8
50	1	20	1.2	200	25	MBD501	182	1
50	1	20	1.2	200	25	MMBD501	318	8
70	1	20	1.2	200	35	MBD701	182	1
70	1	20	1.2	200	35	MMBD701	318	8

\*Dual

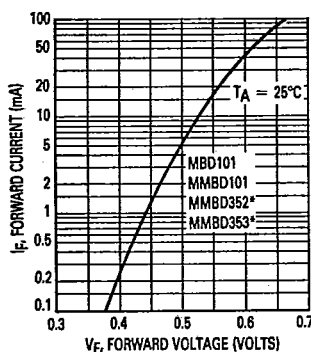
## TYPICAL CHARACTERISTICS Capacitance versus Reverse Voltage



\*EACH DIODE



## Forward Current versus Forward Voltage



\*EACH DIODE

