General Purpose Abrupt Junction Tuning Diodes (continued)

CASE 182-02
(TO-226AC)
TO-92
Style 1

CASE 318-02
(TO-236AA)
Style 8

		• Low-Cost • High Volume			• Lower Cost • General-Purpose			• Low-Cost • High Volume			
		Maximum Working Voltage									
		30 Volts			25 Volts			30 Volts			
		CASE 182-02 2-Lead TO-92						CASE 318-02 TO-236AA			
		Cap Ratio C2/C30 Min	Q @ 4 V 50 MHz Min	Device Type	Cap Ratio C1/C10 Min	Q @ 4 V 50 MHz Min	Device Type C_T ±20%	Cap Ratio C2/C30 Min	Q @ 4 V 50 MHz Typ	Device Type	C_T Nom pF
C_T Nominal Capacitance pF ±10% @ V_R = 4 V f = 1 MHz	6.8	2.5	450	MV2101	1.9	300	MV2201	2.5	400	MMBV2101	6.8
	8.2	2.5	450	MV2102				2.5	350	MMBV2102	8.2
	10	2.5	400	MV2103	2	200	MV2203	2.5	350	MMBV2103	10
	12	2.5	400	MV2104				2.5	350	MMBV2104	12
	15	2.5	400	MV2105	2	200	MV2205	2.5	350	MMBV2105	15
	18	2.5	350	MV2106				2.5	300	MMBV2106	18
	22	2.5	350	MV2107	2	150	MV2207	2.5	300	MMBV2107	22
	27	2.5	300	MV2108				2.5	250	MMBV2108	27
	33	2.5	200	MV2109	2	150	MV2209	2.5	200	MMBV2109	33
	39	2.5	150	MV2110							39
	47	2.5	150	MV2111	2	100	MV2211				47
	56	2.6	150	MV2112							56
	68	2.6	150	MV2113	2	100	MV2213				68
	82	2.6	100	MV2114							82
	100	2.6	100	MV2115	2	50	MV2215				100

TYPICAL CHARACTERISTICS

Diode Capacitance versus Reverse Voltage