



ABRUPT VARACTOR DIODES

MV830 - MV840

PART NUMBER	C _T DIODE CAPACITANCE V _r = 4 Vdc, f = 1 MHz (pF)			Q, QUALITY FACTOR V _r = 4 Vdc f = 50 MHz		TR, TUNING RATIO f = 1 MHz C•4V / C•25V	
	MIN	NOM	MAX	MIN	TYP	MIN	TYP
MV830	13.5	15.0	16.5	30	35	1.8	2.00
MV831	16.2	18.0	19.8	25	30	1.8	2.00
MV832	19.8	22.0	24.2	25	30	1.8	2.10
MV833	24.3	27.0	29.7	25	30	1.8	2.10
MV834	29.7	33.0	36.3	20	25	1.9	2.12
MV835	35.1	39.0	42.9	20	25	1.9	2.12
MV836	42.3	47.0	51.7	15	20	1.9	2.15
MV837	50.4	56.0	61.6	15	20	1.9	2.15
MV838	61.2	68.0	74.8	15	20	2.0	2.18
MV839	73.8	82.0	90.2	10	15	2.0	2.18
MV840	90.0	100.0	110.0	10	15	2.0	2.18

Package Style	DO-7
DC Power Dissipation	400 mW
Min Reverse Breakdown Voltage	30 Vdc
Max Reverse Current (I _r)	0.2 μA
Operating Temperature (Topr)	-65 to + 150° C
Storage Temperature (Tstg)	-65 to + 200 ° C
unction Temperature	+ 175° C