

## ABRUPT VARACTOR DIODES MV1620 - MV1650

PART NUMBER	C <sub>T</sub> DIODE CAPACITANCE V <sub>r</sub> = 4 Vdc, f = 1 MHz			Q, QUALITY FACTOR V <sub>r</sub> = 4 Vdc f = 50 MHz		TR, TUNING RATIO C•2V / C•20V f = 1 MHz	
	MIN	NOM	MAX	MIN	MAX	MIN	MAX
MV1620	6.1	6.8	7.5	300		2.0	3.2
MV1622	7.4	8.2	9.0	300		2.0	3.2
MV1624	9.0	10.0	11.0	300		2.0	3.2
MV1626	10.8	12.0	13.2	300		2.0	3.2
MV1628	13.5	15.0	16.5	250		2.0	3.2
MV1630	16.2	18.0	19.8	250		2.0	3.2
MV1632	18.0	20.0	22.0	250		2.0	3.2
MV1634	19.8	22.0	24.2	250		2.0	3.2
MV1636	24.3	27.0	29.7	200		2.0	3.2
MV1638	29.7	33.0	36.3	200		2.0	3.2
MV1640	35.1	39.0	42.9	200		2.0	3.2
MV1642	42.3	47.0	51.7	200		2.0	3.2
MV1644	50.4	56.0	61.6	150		2.0	3.2
MV1646	61.2	68.0	74.8	150		2.0	3.2
MV1648	73.8	82.0	90.2	150		2.0	3.2
MV1650	90.0	100.0	110.0	150		2.0	3.2

  

<b>Package Style</b> <b>DC Power Dissipation</b> <b>Min Reverse Breakdown Voltage</b> <b>Max Reverse Current (I<sub>r</sub>)</b> <b>Operating Temperature (T<sub>opr</sub>)</b> <b>Storage Temperature (T<sub>stg</sub>)</b> <b>Junction Temperature</b>	<b>@ Ta = 25° C</b> <b>@ I<sub>r</sub> = 10 μA</b> <b>@ 15 Vdc</b>	<b>DO-7</b> <b>400 mW</b> <b>20 Vdc</b> <b>0.1 μA Max</b> <b>-65 to + 150° C</b> <b>-65 to + 200° C</b> <b>175° C</b>
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