

# Silicon Abrupt Varactors: General Purpose



Glass Axial Leaded

1N5441 – 1N5456				
Model	Capacitance pF	Tuning Ratio		Quality Factor Q
		MIN	MAX	MIN
1N5441	6.8	2.5	3.1	450
1N5442	8.2	2.5	3.1	450
1N5443	10.0	2.6	3.1	400
1N5444	12.0	2.6	3.1	400
1N5445	15.0	2.6	3.1	400
1N5446	18.0	2.6	3.1	350
1N5447	20.0	2.6	3.1	350
1N5448	22.0	2.6	3.2	350
1N5449	27.0	2.6	3.2	350
1N5450	33.0	2.6	3.2	350
1N5451	39.0	2.6	3.2	300
1N5452	47.0	2.6	3.2	250
1N5453	56.0	2.6	3.3	200
1N5454	68.0	2.7	3.3	175
1N5455	82.0	2.7	3.3	175
1N5456	100.0	2.7	3.3	175
<b>Test Conditions</b>	@ 4 Vdc, 1 MHz	C <sub>T</sub> 2 V / C <sub>T</sub> 30 V F=1-MHz		@ 4 Vdc F = 50 MHz