

GENERAL PURPOSE ABRUPT VARACTOR DIODES 1N5681 TO 1N5709

PART NUMBER	CAPACITANCE @ 4Vdc 1 MHz (pF)	MIN QUALITY FACTOR @ 4Vdc F = 50 MHz	CAPACITANCE RATIO		MAX WORKING VOLTAGE (Vdc)	MIN REVERSE BREAKDOWN VOLTAGE Ir = 10µA (Vdc)
			2V / 40V MIN	4V / 60V TYP		
1N5681	6.8	600	3.1	3.3	40	45
1N5682	8.2	600	3.1	3.3	40	45
1N5683	10.0	550	3.2	3.4	40	45
1N5684	12.0	550	3.2	3.4	40	45
1N5685	15.0	550	3.2	3.4	40	45
1N5686	18.0	500	3.2	3.4	40	45
1N5687	22.0	500	3.3	3.5	40	45
1N5688	27.0	500	3.3	3.5	40	45
1N5689	33.0	500	3.3	3.5	40	45
1N5690	39.0	450	3.3	3.5	40	45
1N5691	47.0	400	3.3	3.5	40	45
1N5692	56.0	300	3.3	3.5	40	45
1N5693	68.0	250	3.3	3.5	40	45
1N5694	82.0	225	3.3	3.5	40	45
1N5695	100.0	200	3.3	3.5	40	45
1N5696	6.8	450		2.7 2.9	60	65
1N5697	8.2	450		2.7 2.9	60	65
1N5698	10.0	400		2.8 3.0	60	65
1N5699	12.0	400		2.8 3.0	60	65
1N5700	15.0	400		2.8 3.0	60	65
1N5701	18.0	375		2.8 3.0	60	65
1N5702	22.0	375		3.2 3.4	60	65
1N5703	27.0	350		3.2 3.4	60	65
1N5704	33.0	350		3.2 3.4	60	65
1N5705	39.0	325		3.2 3.4	60	65
1N5706	47.0	300		3.2 3.4	60	65
1N5707	56.0	225		3.2 3.4	60	65
1N5708	68.0	175		3.2 3.4	60	65
1N5709	82.0	150		3.2 3.4	60	65

Package Style	DO-7	
DC Power Dissipation	400 mW	
Max Reverse Current (Ir)	20 nA @ MWV	@ Ta = 25°C
Max Reverse Current (Ir2)	20 µA @ MWV	@ Ta = 150°C
Operating Temperature (Topr)	-65 to +175°C	
Storage Temperature (Tstg)	-65 to +200°C	
Capacitance Tolerance:	Standard Device	±20%
	Suffix A	±10%
	Suffix B	±5%