Glass Axial Leaded

1N5681– 1N5709

Model	Capacitance pF	Quality Factor Q	Capacitance Ratio				Working Voltage Vdc	Reverse Breakdown Voltage
		MIN	MIN	TYP	MIN	TYP	MAX	MIN
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
Test Conditions	@ 4Vdc 1 MHz	@ 4 Vdc F = 50 MHz	C_T 2 V / C_T 40 V		C_T 4 V / C_T 60 V			@ 10μA

Maximum Ratings	Parameters	Value	Rating
	DC Power Dissipation	400 mW	
	Max Reverse Current	@ Ta = 25° C	20 nA @ MWV
	Max Reverse Current	@ Ta = 150° C	20 μA @ MWV
	Operating Temperature Range	-65° to +175° C	
	Storage Temperature Range	-65° to +200° C	
	Capacitance Tolerance:	Standard Device	+20%
	Suffix A	+10%	
	Suffix B	+5%	