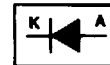


# Varistors (Temperature Compensating Diodes)

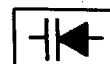


ECG Type	Description	Forward Current IF mA	Forward Voltage VF			Fig. No.	Fig. Z2	ECG605A	Fig. Z4	DO-35 ECG600 ECG601
			Min. Volts	Max. Volts	Change Per °C in mV					
ECG600	Silicon	10	0.63 at 3 mA	0.69 at 3 mA	2	Z4				
ECG601	Silicon	20	0.56 at 1.5 mA	0.61 at 1.5 mA	1.5	Z4				
ECG605A	Silicon	100	1.26 at 3 mA	1.36 at 3 mA	4.6	Z2				

# Varistors (Voltage Compensating Diodes)

ECG Type	Forward Characteristics	Maximum Forward DC Current	Maximum Surge Current for 10 msec	Reverse Characteristics	Fig. Z7	ECG 606 607
ECG607	2.35 V ± 0.25 V at 1 mA 3.0 V ± 0.3 V at 70 mA	100 mA	25 A	10 μA Max at 100 V		

# Varactors (Variable Capacitance Diodes)



ECG Type	Cap. at 4 Volts pF	Cap. Ratio C2/C30	Reverse Voltage VR Volts Max.	Forward Current IF mA Max.	Device Diss. PD mW Max.	Fig. Z13	ECG 610 611 612 613 614
ECG611	10.0	2.9	30	200	280		
ECG612	12.0	2.9	30	200	280		
ECG613	22.0	2.9	30	200	280		
ECG614	33.0	3.2	30	200	280		

# Matched Varactors (Variable Capacitance Diodes) (Matched Set of Four)

ECG Type	Matched Cap. at 3 Volts pF	Cap. Ratio C3/C25	Reverse Voltage VR Volts Max.	Max. Osc. Freq. at 3 V GHz	Series Inductance Ls (nH)	Series Resistance Rs Max. Ohms	Fig. Z11A	ECG616

# Varactors (Radio Tuning Diodes)

ECG Type	Application Band	Cap. In pF	Cap. In pF	Cap. Ratio	Reverse Voltage VR Max Volts	Q Min. @ 100 MHz	Fig. No.	Fig. Z13-1	ECG617	Fig. Z13-2	ECG618
ECG618	AM Tuning	440 at 1.2 V	22 at 8 V	15.5	12	200 at 1 V	Z13-2				