



1.0 GHz to 11.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA111-3105	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3108	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3110	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3113	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3115	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3118	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3120	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3123	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3124	1.0	11.00	30/35	±2.0/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3135	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3138	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3140	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3143	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3145	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3148	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3150	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3153	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3154	1.0	11.00	30/35	±2.0/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3165	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3168	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3170	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3173	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3175	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3178	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3180	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3183	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3184	1.0	11.00	30/35	±2.0/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3195	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3198	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3200	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3203	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3205	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3208	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3210	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3223	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3224	1.0	11.00	30/35	±2.0/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S

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Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA111-3235	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3238	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3240	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3243	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3245	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3248	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3250	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3253	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3254	1.0	11.00	30/35	±2.0/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3265	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3268	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3270	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3273	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3275	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3278	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3280	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3283	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3284	1.0	11.00	30/35	±2.0/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3295	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3298	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3300	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3303	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3305	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3308	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3310	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3313	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3314	1.0	11.00	30/35	±2.0/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-3325	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3328	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3330	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3333	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3335	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3338	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3340	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3343	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3344	1.0	11.00	30/35	±2.0/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S

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CA111-3355	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3358	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3360	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3363	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3365	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K3S
CA111-3368	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K3S
CA111-3370	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K3S
CA111-3373	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K3S
CA111-3374	1.0	11.00	30/35	±2.0/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K3S
CA111-4105	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4108	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4110	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4113	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4115	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4118	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4120	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4123	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4124	1.0	11.00	35/40	±2.0/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4135	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4138	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4140	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4143	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4145	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4148	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4150	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4153	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4154	1.0	11.00	35/40	±2.0/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4165	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4168	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4170	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4173	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4175	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4178	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4180	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4183	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4184	1.0	11.00	35/40	±2.0/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4

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1.0 GHz to 11.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA111-4195	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4198	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4200	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4203	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4205	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4208	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4210	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4223	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4224	1.0	11.00	35/40	±2.0/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4295	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4298	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4300	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4303	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4305	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4308	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4310	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4313	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4314	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4315	1.0	11.00	35/40	±2.0/±1.5	3.0/2.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	650	K3S
CA111-4235	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4238	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4240	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4243	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4245	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4248	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4250	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4253	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4254	1.0	11.00	35/40	±2.0/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4265	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4268	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4270	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4273	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4275	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4278	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4280	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4283	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4284	1.0	11.00	35/40	±2.0/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4

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Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA111-4325	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4328	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4330	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4333	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4335	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4338	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4340	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4343	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4344	1.0	11.00	35/40	±2.0/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4355	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4358	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4360	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4363	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4365	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4368	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4370	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4373	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4374	1.0	11.00	35/40	±2.0/±1.5	2.1/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-4385	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4388	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4390	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4393	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4395	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	150	K4
CA111-4398	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	200	K4
CA111-4400	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	220	K4
CA111-4403	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-4404	1.0	11.00	35/40	±2.0/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	300	K4
CA111-5105	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5108	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5110	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5113	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5115	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5118	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA111-5120	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-5123	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA111-5124	1.0	11.00	40/45	±2.0/±1.5	4.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4

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CA111-5135	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5138	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5140	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5143	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5145	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5148	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA111-5150	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-5153	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA111-5154	1.0	11.00	40/45	±2.0/±1.5	3.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110-5165	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5168	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5170	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5173	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5175	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5178	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110-5180	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5183	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110-5184	1.0	11.00	40/45	±2.0/±1.5	3.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110-5195	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5198	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5200	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5203	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5205	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5208	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110-5210	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5223	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110-5224	1.0	11.00	40/45	±2.0/±1.5	3.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110-5295	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5298	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5300	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5303	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5305	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110-5308	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110-5310	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110-5313	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110-5314	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110-5315	1.0	11.00	40/45	±2.0/±1.5	3.0/2.0	25	35	2.0:1/1.5:1	2.0:1/1.5:1	750	K4-NR

Ciao Wireless, Inc.

4000 Via Pescador / Camarillo / CA 93012

Tel (805) 389-3224 / Fax (805) 389-3629 / ciaowireless.com



1.0 GHz to 11.0 GHz

Model No.	Frequency 1 GHz	Frequency 2 GHz	Gain dB (Min/Typ)	Flatness dB (Max/Typ)	Noise dB (Max/Typ)	P-1dB dBm (Min/Typ)	IP3 dBm (Typ)	VSWR Input (Max/Typ)	VSWR Output (Max/Typ)	+12 /+15 VDC Current (mA) Nom/Max	Size
CA110.5235	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5238	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5240	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5243	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5245	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5248	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110.5250	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110.5253	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110.5254	1.0	11.00	40/45	±2.0/±1.5	2.7/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110.5265	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5268	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5270	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5273	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5275	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5278	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110.5280	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110.5283	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110.5284	1.0	11.00	40/45	±2.0/±1.5	2.5/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110.5325	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5328	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5330	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5333	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5335	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5338	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110.5340	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110.5343	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110.5344	1.0	11.00	40/45	±2.0/±1.5	2.2/2.0	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4
CA110.5355	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5358	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5360	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5363	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5365	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA110.5368	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA110.5370	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA110.5373	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA110.5374	1.0	11.00	40/45	±2.0/±1.5	2.1/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4

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CA111-5385	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	5	15	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5388	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	8	18	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5390	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	10	20	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5393	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	13	23	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5395	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	15	25	2.0:1/1.5:1	2.0:1/1.5:1	180	K4
CA111-5398	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	18	18	2.0:1/1.5:1	2.0:1/1.5:1	230	K4
CA111-5400	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	20	30	2.0:1/1.5:1	2.0:1/1.5:1	250	K4
CA111-5403	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	23	33	2.0:1/1.5:1	2.0:1/1.5:1	280	K4
CA111-5404	1.0	11.0	40/45	±2.0/±1.5	2.0/1.5	24	34	2.0:1/1.5:1	2.0:1/1.5:1	330	K4

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