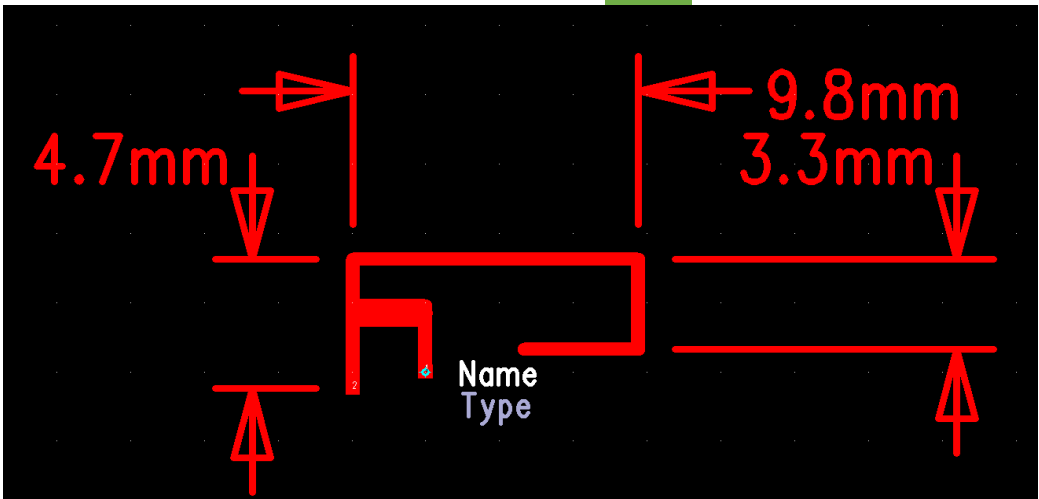
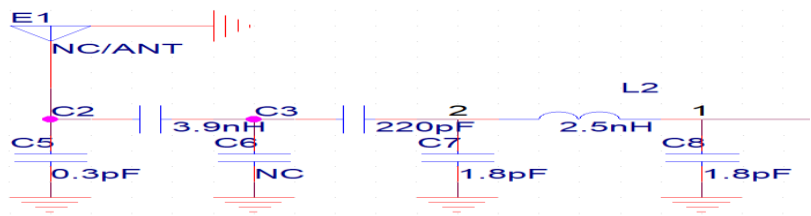


Infomation

Manufacturer	畅飞博
Model Name	Tag
Band	2.4G
Gain(dBi)	2(Typical)

Matching Circu



Manufacturer: Shenzhen Champon Technology Co., Ltd.
Address: 1A-1004, International Innovation Valley, Dashi 1st Road, Xili, Nanshan, Shenzhen, China

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0	
Efficiency (dBi)	-2.72	-2.38	-2.19	-2.15	-2.37	-2.53	-2.77	-3.06	-3.31	-3.33	-3.31	-4.13	-3.67	-3.49	-3.18	-3.36	-2.96	-3.14	-2.74	-2.99	-2.76	-2.94	-2.79	-3.19	-3.24	-3.63	
Gain (dBi)	1.93	2.21	37.79	2.44	2.66	2.78	2.56	2.15	1.76	1.77	1.89	0.85	0.69	1.66	2.05	0.76	2.33	1.78	2.46	2.02	1.99	2.36	2.01	1.45	1.44	0.92	
Efficiency (%)	53.50	57.74	60.36	60.99	57.97	55.81	52.83	49.40	46.62	46.43	46.69	38.67	42.99	44.76	48.03	46.11	50.61	48.54	53.27	50.19	52.91	50.80	52.60	47.96	47.47	43.31	
Directivity (dB)	4.64	4.59	3.98	4.59	5.05	5.31	5.33	5.22	5.08	5.10	5.20	4.98	4.36	5.16	5.24	4.12	5.29	4.92	5.19	5.02	4.75	5.30	4.80	4.64	4.67	4.56	
Peak Gain Position (Theta)	74.00	75.00	76.00	88.00	88.00	87.00	86.00	85.00	66.00	87.00	87.00	101.00	98.00	70.00	78.00	75.00	88.00	90.00	74.00	71.00	75.00	93.00	78.00	80.00	100.00	74.00	
Peak Gain Position (Phi)	97.00	99.00	98.00	23.00	20.00	16.00	14.00	14.00	301.00	15.00	15.00	77.00	158.00	159.00	161.00	176.00	147.00	163.00	170.00	180.00	124.00	59.00	162.00	163.00	128.00	182.00	
Efficiency ThetaPol (%)	32.34	34.53	35.12	35.18	34.19	34.39	33.68	31.50	28.65	27.23	25.96	33.24	35.22	36.99	39.88	36.71	42.55	39.42	44.51	41.53	43.90	42.51	44.13	40.36	40.00	36.97	
Efficiency PhiPol (%)	21.16	23.21	25.24	25.80	23.77	21.43	19.15	17.90	17.97	19.20	20.73	5.43	7.78	7.78	8.15	9.40	8.06	9.12	8.76	8.66	9.01	8.29	8.46	7.60	7.47	6.34	
Upper Hem. Efficiency (%)	33.44	35.95	37.18	37.18	35.49	34.63	33.31	31.33	29.36	28.69	28.33	21.02	23.14	25.98	27.14	25.10	28.50	27.26	31.65	27.73	30.35	29.92	31.48	28.11	26.70	25.18	
Lower Hem. Efficiency (%)	20.07	21.80	23.19	23.80	22.48	21.19	19.52	18.07	17.26	17.74	18.36	17.66	19.85	18.79	20.89	21.02	22.11	21.28	21.62	22.45	22.56	20.89	21.12	19.86	20.77	18.13	
T90(H) 同度	6.28	5.36	5.56	6.31	7.31	8.37	8.42	8.75	8.66	9.16	10.09	10.32	12.72	14.54	10.83	10.99	11.52	10.49	15.34	10.87	12.87	9.43	12.88	11.52	10.78	12.33	
Gain 15deg (dBi)																											
E1(XZ) 波瓣宽度	63.00	59.00	55.00	56.00	57.00	56.00	56.00	57.00	59.00	60.00	59.00	53.00	60.00	64.00	62.00	62.00	82.00	61.00	58.00	52.00	54.00	52.00	56.00	55.00	56.00	63.00	76.00
E1(XZ) 前后比	5.63	5.10	5.86	5.51	6.46	7.73	8.38	8.50	8.72	7.80	7.73	8.46	6.71	7.22	9.62	8.02	6.98	8.19	11.25	9.81	9.78	9.26	12.40	10.51	10.20	12.66	
E2(YZ) 波瓣宽度	54.00	61.00	68.00	89.00	87.00	85.00	82.00	80.00	82.00	84.00	90.00	70.00	78.00	56.00	63.00	51.00	72.00	85.00	79.00	71.00	68.00	70.00	67.00	65.00	68.00	74.00	
E2(YZ) 前后比	7.70	7.62	7.46	5.20	5.28	5.54	5.90	6.15	7.04	5.77	4.26	9.11	7.83	8.12	8.66	8.39	11.20	8.29	8.68	10.25	9.54	10.64	10.02	11.84	10.97	9.26	
最大增益轴轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
顶点(Theta=0)处轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
仰角10度最差(大)轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
Hc(XY) 波瓣宽度	64.00	67.00	65.00	67.00	69.00	70.00	73.00	75.00	154.00	69.00	68.00	229.00	257.00	264.00	244.00	213.00	137.00	162.00	212.00	199.00	217.00	172.00	203.00	216.00	215.00	264.00	
Hc(XY) 前后比	1.14	0.74	1.13	1.81	2.20	2.26	2.01	1.75	1.30	1.89	1.93	1.27	1.23	1.90	1.80	1.39	3.06	2.41	0.74	3.23	3.10	2.65	1.92	3.23	3.13	2.25	
Empty																											

