



mounting cap assumed to be .01 pF

IMS P/N RCX0502PW 50 OHM

**S - PARAMETER DATA**

FREQ GHz	S11		S21		S12		S22	
	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
1.00	0.010	-17.6	0.990	-0.2	0.990	-0.2	0.010	-17.6
2.00	0.012	-32.5	0.990	-0.4	0.990	-0.4	0.012	-32.5
3.00	0.014	-43.8	0.990	-0.5	0.990	-0.5	0.014	-43.8
4.00	0.016	-52.2	0.990	-0.7	0.990	-0.7	0.016	-52.2
5.00	0.018	-58.4	0.990	-0.9	0.990	-0.9	0.018	-58.4
6.00	0.021	-63.1	0.990	-1.1	0.990	-1.1	0.021	-63.1
7.00	0.024	-66.8	0.990	-1.3	0.990	-1.3	0.024	-66.8
8.00	0.027	-69.7	0.990	-1.5	0.990	-1.5	0.027	-69.7
9.00	0.030	-72.1	0.990	-1.6	0.990	-1.6	0.030	-72.1
10.00	0.033	-74.1	0.990	-1.8	0.990	-1.8	0.033	-74.1
11.00	0.036	-75.8	0.990	-2.0	0.990	-2.0	0.036	-75.8
12.00	0.039	-77.3	0.989	-2.2	0.989	-2.2	0.039	-77.3
13.00	0.042	-78.6	0.989	-2.4	0.989	-2.4	0.042	-78.6
14.00	0.045	-79.7	0.989	-2.5	0.989	-2.5	0.045	-79.7
15.00	0.048	-80.7	0.989	-2.7	0.989	-2.7	0.048	-80.7
16.00	0.051	-81.6	0.989	-2.9	0.989	-2.9	0.051	-81.6
17.00	0.054	-82.5	0.989	-3.1	0.989	-3.1	0.054	-82.5
18.00	0.057	-83.2	0.989	-3.3	0.989	-3.3	0.057	-83.2
19.00	0.060	-83.9	0.988	-3.4	0.988	-3.4	0.060	-83.9
20.00	0.063	-84.6	0.988	-3.6	0.988	-3.6	0.063	-84.6
21.00	0.066	-85.2	0.988	-3.8	0.988	-3.8	0.066	-85.2
22.00	0.069	-85.7	0.988	-4.0	0.988	-4.0	0.069	-85.7
23.00	0.072	-86.3	0.988	-4.2	0.988	-4.2	0.072	-86.3
24.00	0.075	-86.8	0.987	-4.4	0.987	-4.4	0.075	-86.8
25.00	0.078	-87.2	0.987	-4.5	0.987	-4.5	0.078	-87.2
26.00	0.081	-87.7	0.987	-4.7	0.987	-4.7	0.081	-87.7
27.00	0.084	-88.1	0.987	-4.9	0.987	-4.9	0.084	-88.1
28.00	0.087	-88.5	0.986	-5.1	0.986	-5.1	0.087	-88.5
29.00	0.090	-88.9	0.986	-5.3	0.986	-5.3	0.090	-88.9
30.00	0.093	-89.3	0.986	-5.4	0.986	-5.4	0.093	-89.3
31.00	0.096	-89.7	0.985	-5.6	0.985	-5.6	0.096	-89.7
32.00	0.100	-90.1	0.985	-5.8	0.985	-5.8	0.100	-90.1
33.00	0.103	-90.4	0.985	-6.0	0.985	-6.0	0.103	-90.4
34.00	0.106	-90.7	0.984	-6.2	0.984	-6.2	0.106	-90.7
35.00	0.109	-91.1	0.984	-6.3	0.984	-6.3	0.109	-91.1
36.00	0.112	-91.4	0.984	-6.5	0.984	-6.5	0.112	-91.4
37.00	0.115	-91.7	0.983	-6.7	0.983	-6.7	0.115	-91.7
38.00	0.118	-92.0	0.983	-6.9	0.983	-6.9	0.118	-92.0
39.00	0.121	-92.3	0.983	-7.1	0.983	-7.1	0.121	-92.3
40.00	0.124	-92.6	0.982	-7.2	0.982	-7.2	0.124	-92.6