

RF Transformer Die

MTY2-243-D+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE ⁽¹⁾ (deg.)
6000	5.43	3.48	2.88	0.68
6500	5.43	3.48	2.88	0.68
7000	3.64	5.43	2.50	0.33
7500	3.64	5.43	2.50	0.33
8000	2.82	6.64	1.96	0.83
8500	2.82	6.64	1.96	0.83
9000	2.08	7.78	1.34	2.12
9500	2.08	7.78	1.34	2.12
10000	1.31	11.29	0.80	4.57
10500	1.08	14.19	0.66	6.02
11000	0.98	17.59	0.62	7.07
11500	0.94	19.91	0.63	7.26
12000	0.93	18.68	0.58	6.76
12500	0.94	16.26	0.43	6.05
13000	0.96	14.84	0.22	5.60
13500	0.95	14.87	0.01	5.46
14000	0.90	16.63	0.25	5.51
14500	0.84	20.36	0.44	5.88
15000	0.81	22.11	0.59	6.74
15500	0.83	19.07	0.62	7.25
16000	0.87	17.32	0.61	7.18
16500	0.91	16.92	0.61	6.87
17000	0.95	16.99	0.66	6.42
17500	0.98	16.96	0.68	5.94
18000	1.00	16.60	0.71	5.15
18500	1.04	16.10	0.77	4.58
19000	1.10	15.42	0.84	4.12
19500	1.21	14.39	0.84	3.94
20000	1.32	13.53	0.75	3.49
20500	1.40	13.12	0.67	2.59
21000	1.44	13.13	0.63	1.66
21500	1.45	13.29	0.53	0.74
22000	1.47	13.35	0.44	0.38
22500	1.51	13.14	0.32	1.37
23000	1.57	12.81	0.19	2.39
23500	1.63	12.51	0.06	2.98
24000	1.71	12.43	0.43	4.28
24500	1.79	12.66	0.89	6.49
25000	1.91	13.08	1.40	9.46
26000	2.26	13.16	2.31	18.40

⁽¹⁾ Relative to 180°

Note: Testdata of Die packaged in 2x2 mm, 6-lead MCL package

