

MMIC Reflectionless Low Pass Filter Die XLF-112H-D+

Typical Performance Data

Test Condition @ Temperature = +25°C

FREQ.	INSERTION LOSS	INPUT RETURN LOSS	OUTPUT RETURN LOSS
(MHz)	(dB)	(dB)	(dB)
10	1.47	19.60	19.63
50	1.48	19.52	19.77
100	1.49	19.43	19.44
300	1.62	17.93	17.90
400	1.71	17.18	17.17
500	1.83	16.64	16.63
700	2.09	16.40	16.32
1000	2.55	18.92	18.67
1050	2.64	19.83	19.58
1200	2.98	23.56	23.04
1500	4.25	21.01	20.96
2200	41.34	18.85	18.62
2500	40.58	14.10	14.00
3000	52.89	15.16	15.40
3500	36.27	18.53	19.25
4000	39.63	20.80	22.55
4500	53.97	24.57	27.23
5000	63.49	33.08	34.64
5500	60.33	31.28	26.64
6000	55.52	23.07	21.21
6500	49.50	19.00	17.88
7000	45.18	16.43	15.84
7500	42.68	14.70	14.54
8000	41.17	13.53	13.67
8500	40.44	12.75	13.08
9000	40.18	12.09	12.64
9500	40.30	11.65	12.40
10000	40.62	11.20	12.26
10500	41.05	10.79	12.00
11000	41.62	10.30	11.57
11500	42.35	9.74	10.90
12000	43.14	9.09	10.11
12500	44.05	8.48	9.35
13000	45.23	7.86	8.70
13500	47.36	7.48	8.15
14000	64.08	7.38	7.99
14500	51.44	9.92	10.38
15000	54.17	11.20	11.89
15500	54.86	10.28	10.66
16000	53.16	10.03	10.17
16500	52.57	10.07	9.95
17000	52.29	9.87	9.83
17500	51.70	9.64	9.62
18000	51.75	9.19	9.27
18500	51.73	8.82	8.73
19000	51.28	8.30	8.46
19500	50.83	7.99	8.05
20000	50.19	7.66	7.67
20500	48.81	7.52	7.35
21000	47.37	7.08	7.13
21500	45.72	7.00	6.98
22000	44.99	6.54	6.95
22500	43.74	6.40	6.88
23000	42.61	6.04	6.80
23500	41.84	5.79	6.54
24000	41.15	5.52	6.15
24500	40.42	5.28	5.65
25000	39.96	5.08	5.21
25500	40.24	4.98	4.90
26000	41.18	4.94	4.73

Note: "Test data of Die packaged in industry standard 4x4mm, 24-lead MCLP package"



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IF/RF MICROWAVE COMPONENTS

REV. OR
XLF-112H-D+
11/10/2017
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