

# MMIC Reflectionless High Pass Filter Die

# XHF-63M-D+

## Typical Performance Data

Test Condition @ Temperature = +25°C

FREQ. (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)
10	61.97	31.58	28.94
100	53.58	31.00	28.66
200	44.51	29.76	27.97
300	38.56	28.24	26.98
400	34.45	26.70	25.87
500	31.53	25.16	24.68
600	29.47	23.72	23.49
700	28.07	22.38	22.33
800	27.24	21.15	21.24
900	26.91	20.07	20.25
1000	27.07	19.12	19.41
1500	36.65	16.74	17.32
2000	50.27	18.16	19.02
2500	31.66	25.87	27.64
3000	39.53	20.80	21.27
3500	28.16	16.09	16.78
4000	41.35	19.32	20.31
4500	7.92	19.80	20.37
5000	2.78	24.32	25.70
5500	1.69	18.26	18.37
6000	1.27	16.53	16.67
6500	1.03	16.64	16.84
7000	0.87	17.61	17.98
7500	0.76	19.24	19.88
8000	0.68	21.46	22.62
8800	0.64	24.92	28.05
9000	0.63	25.26	28.76
9900	0.51	25.63	27.34
10000	0.50	25.12	26.41
10500	0.48	22.39	22.70
11000	0.49	20.04	20.08
11500	0.51	18.22	18.16
12000	0.53	16.70	16.62
12500	0.57	15.53	15.42
13000	0.61	14.52	14.39
13500	0.64	13.69	13.54
14000	0.64	13.08	12.90
14500	0.65	12.54	12.38
15000	0.67	12.09	11.94
15500	0.68	11.74	11.59
16000	0.70	11.48	11.33
16500	0.71	11.30	11.17
17000	0.74	11.21	11.07
17500	0.76	11.12	10.99
18000	0.79	11.08	10.95
18500	0.81	11.14	10.98
19000	0.79	11.29	11.03
19500	0.75	11.57	11.27
20000	0.73	11.88	11.67
20500	0.71	12.49	12.35
21000	0.73	13.63	13.52
21500	0.96	16.26	16.34
22000	3.43	16.74	17.23
22500	2.80	7.66	7.72
23000	1.27	9.18	9.21
23500	0.94	10.32	10.33
24000	0.79	11.23	11.26
24500	0.69	12.06	12.12
25000	0.63	12.84	12.95
25500	0.57	13.68	13.89
26000	0.53	14.61	14.84



ISO 9001 ISO 14001 AS 9100 CERTIFIED



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IF/RF MICROWAVE COMPONENTS

REV. OR  
XHF-63M-D+  
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