

MMIC REFLECTIONLESS HIGH PASS FILTERS DIE XHF-1832-D+

Typical Performance Data

FREQ. (MHz)	Insertion Loss (dB)	Group Delay (nsec)	Input Return Loss (dB)	Output Return Loss (dB)
10	6.66	0.86	7.18	7.10
50	6.67	0.85	7.18	7.10
100	6.68	0.75	7.18	7.10
200	6.71	0.75	7.19	7.11
400	6.84	0.73	7.23	7.15
600	7.05	0.71	7.29	7.21
800	7.34	0.77	7.37	7.30
1000	7.70	0.74	7.47	7.41
1500	8.98	0.64	7.85	7.80
2000	10.70	0.51	8.29	8.30
2500	12.81	0.33	8.82	8.84
3000	15.26	0.08	9.34	9.43
3500	17.92	-0.24	9.89	10.03
4000	20.32	-0.57	10.43	10.59
4500	21.78	-0.72	11.07	11.22
5000	21.96	-0.56	11.68	11.85
5500	21.60	-0.28	12.19	12.48
6000	21.37	-0.05	12.92	13.17
6500	21.54	0.08	13.72	13.99
7000	22.33	0.14	14.61	14.81
7500	23.91	0.10	15.53	15.75
8000	26.88	-0.27	16.75	16.87
8500	32.73	-2.45	18.07	18.07
9000	35.22	-2.95	19.84	19.58
9500	26.79	-1.12	21.75	21.09
10000	22.01	0.12	23.13	21.90
10500	18.85	0.33	23.47	21.89
11000	16.69	0.40	22.45	21.02
11500	15.21	0.42	20.45	19.56
12000	14.27	0.42	18.76	18.12
12500	13.91	0.39	17.37	16.85
13000	14.08	0.29	16.10	15.67
13500	15.01	0.09	15.05	14.66
14000	16.78	-0.57	14.10	13.72
14500	18.76	-1.38	13.47	13.06
14600	18.70	-1.43	13.50	13.12
15000	16.21	-1.15	13.73	12.97
15500	11.49	-0.14	14.64	13.78
16000	7.91	0.44	16.49	15.46
16500	5.52	0.62	19.46	18.54
17000	3.93	0.64	24.02	23.98
17500	2.82	0.59	36.85	31.87
18000	2.27	0.53	29.38	27.48
18300	2.05	0.49	24.79	23.57
19000	1.67	0.39	20.22	20.12
19500	1.57	0.32	18.44	18.86
20000	1.51	0.31	17.06	16.92
20500	1.45	0.28	16.31	15.53
21000	1.32	0.24	15.79	14.89
21500	1.36	0.24	14.90	14.46
22000	1.33	0.25	13.91	13.95
22500	1.23	0.23	13.35	13.37
23000	1.41	0.21	13.03	12.67
23500	1.34	0.20	12.64	12.38
24000	1.34	0.17	12.19	12.39
24500	1.40	0.16	11.76	12.15
25000	1.44	0.15	11.66	11.59
25500	1.43	0.12	11.42	11.11
26000	1.43	0.14	10.99	11.01
26500	1.37	0.13	11.12	11.00
27000	1.44	0.12	10.76	10.97
27500	1.48	0.14	10.43	10.56
28000	1.36	0.13	10.35	10.19
28500	1.48	0.12	10.29	10.11
29000	1.51	0.12	10.10	10.21
29500	1.43	0.09	9.88	10.06
30000	1.49	0.11	9.80	9.87
30500	1.52	0.10	9.99	9.85
31000	1.48	0.09	9.81	9.96
31500	1.54	0.08	9.67	9.73
32000	1.59	0.08	9.46	9.69
33000	1.47	0.10	9.64	9.84
34000	1.46	0.10	9.69	9.88
35500	1.43	0.09	9.54	10.00
37000	1.29	0.10	9.85	9.88
38500	1.15	0.10	9.95	10.27
40000	1.07	0.05	10.12	10.75



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IF/RF MICROWAVE COMPONENTS

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XHF-1832-D+
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