

# Ceramic Band Pass Filter

# BFCN-2840+

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)
	@ +25° C	@ +25° C	@ +25° C
50	84.86	0.07	0.00
60	81.54	0.08	0.00
70	78.85	0.08	0.00
80	76.60	0.09	0.01
90	75.10	0.10	0.01
100	73.09	0.10	0.01
200	61.16	0.15	0.02
300	54.23	0.17	0.04
400	49.24	0.20	0.06
500	45.37	0.21	0.08
600	42.16	0.23	0.11
700	39.45	0.24	0.14
800	37.08	0.26	0.17
900	35.02	0.27	0.20
1000	33.17	0.28	0.23
1100	31.46	0.29	0.26
1200	29.87	0.30	0.29
1300	28.33	0.31	0.31
1400	26.92	0.32	0.33
1500	25.64	0.33	0.35
1550	25.02	0.34	0.36
1600	24.37	0.35	0.36
1700	23.16	0.37	0.37
1800	22.05	0.40	0.39
1900	21.09	0.45	0.42
2000	20.26	0.51	0.45
2100	19.56	0.59	0.51
2200	19.25	0.69	0.59
2300	20.04	0.85	0.74
2400	24.55	1.12	1.01
2500	20.08	1.84	1.73
2570	10.64	3.35	3.18
2650	4.83	7.76	7.12
2800	2.32	16.38	13.05
2840	2.26	14.49	11.90
2900	2.55	11.44	9.42
2930	2.71	10.24	8.12
3070	8.96	6.48	2.72
3130	16.52	4.85	1.48
3190	20.25	3.51	1.08
3200	18.93	3.33	1.05
3300	14.43	2.22	0.94
3400	14.34	1.69	0.86
3500	15.47	1.40	0.82
3600	17.23	1.22	0.82
3700	19.29	1.11	0.91
3800	21.52	1.03	1.30
3900	24.97	0.97	3.91
4000	28.82	0.92	7.02
4500	36.06	0.79	0.65
5000	33.47	0.69	0.58
5500	30.78	0.69	0.66
6000	29.75	0.75	0.77

REV. X1  
BFCN-2840+  
090921  
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