

# Surface Mount Band Pass Filter

# CSBP-A940+

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT VSWR			OUTPUT VSWR		
	(dB)			(:1)			(:1)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
0.50	99.01	99.38	101.51	2577.72	5380.68	16341.60	1878.82	2264.64	2204.29
1.00	96.39	96.38	96.37	1929.52	4397.52	4669.03	5644.54	4110.95	2740.53
5.00	103.04	103.06	94.45	126066.53	3099.87	5561.60	17189.62	17190.64	9223.98
10.00	88.52	103.14	87.45	3567.84	54029.76	2011.67	929.18	1304.10	1216.04
50.00	83.82	95.87	85.78	1380.29	5730.21	1630.11	6003.09	14545.60	3407.02
100.00	88.09	86.26	96.68	811.60	2822.38	1703.51	2055.48	6200.01	1792.35
200.00	93.63	90.48	82.74	474.54	10221.66	667.00	2720.88	1375.23	702.95
300.00	85.14	83.27	86.80	1102.64	489.88	339.19	3074.63	861.46	443.87
400.00	78.16	85.21	81.51	705.59	382.78	253.31	438.21	370.04	279.93
500.00	99.78	95.35	82.59	710.88	186.58	163.79	292.49	188.25	174.12
600.00	77.06	82.89	82.81	226.06	131.18	99.11	220.78	141.54	137.28
700.00	65.17	64.69	66.12	124.57	74.22	67.60	139.20	101.53	82.18
750.00	52.01	51.72	51.49	84.42	59.95	52.94	92.69	70.81	61.26
800.00	33.22	32.90	32.45	57.65	40.20	34.84	57.71	45.93	39.82
850.00	7.25	7.04	6.88	8.24	6.76	5.97	8.14	6.83	6.09
880.00	0.86	1.07	1.22	1.33	1.32	1.34	1.34	1.33	1.34
890.00	0.73	0.93	1.06	1.23	1.22	1.22	1.24	1.23	1.22
900.00	0.64	0.82	0.94	1.18	1.16	1.13	1.19	1.16	1.13
910.00	0.60	0.77	0.89	1.11	1.07	1.02	1.11	1.07	1.03
920.00	0.54	0.72	0.84	1.01	1.04	1.10	1.02	1.05	1.10
925.00	0.52	0.69	0.82	1.05	1.10	1.17	1.05	1.11	1.17
930.00	0.52	0.70	0.83	1.11	1.16	1.23	1.11	1.16	1.23
935.00	0.51	0.72	0.86	1.16	1.21	1.27	1.16	1.22	1.28
940.00	0.53	0.73	0.88	1.20	1.25	1.30	1.20	1.25	1.31
945.00	0.54	0.74	0.89	1.23	1.27	1.31	1.23	1.28	1.32
950.00	0.55	0.75	0.88	1.23	1.27	1.30	1.23	1.27	1.30
955.00	0.53	0.71	0.86	1.21	1.24	1.26	1.22	1.25	1.26
960.00	0.52	0.71	0.84	1.17	1.19	1.19	1.18	1.20	1.20
965.00	0.52	0.71	0.84	1.12	1.12	1.12	1.13	1.14	1.13
970.00	0.51	0.71	0.84	1.06	1.05	1.03	1.08	1.07	1.05
975.00	0.52	0.71	0.83	1.04	1.04	1.06	1.07	1.06	1.07
980.00	0.52	0.71	0.84	1.11	1.12	1.16	1.12	1.13	1.16
985.00	0.52	0.72	0.86	1.19	1.20	1.25	1.19	1.21	1.25
990.00	0.56	0.76	0.91	1.25	1.27	1.31	1.25	1.27	1.31
995.00	0.59	0.81	0.97	1.27	1.29	1.33	1.27	1.29	1.33
1000.00	0.63	0.85	1.01	1.24	1.24	1.28	1.23	1.24	1.28
1050.00	13.50	14.21	14.58	37.50	28.61	24.82	33.62	28.99	25.18
1080.00	25.34	25.87	26.11	124.24	64.57	50.54	96.73	63.89	54.37
1090.00	28.84	29.35	29.50	149.78	69.43	57.00	103.76	75.78	58.09
1095.00	30.54	31.02	31.18	151.28	70.46	58.66	106.90	74.91	58.72
1100.00	32.20	32.64	32.77	155.96	73.13	61.01	105.58	75.33	62.55
1120.00	38.20	38.63	38.67	160.87	81.88	60.57	135.70	84.61	66.74
1140.00	43.83	44.23	44.04	186.30	84.61	72.45	131.41	86.13	72.72
1150.00	46.67	47.25	47.15	163.79	83.99	65.91	118.15	85.82	71.69
1160.00	50.12	50.42	50.29	143.80	75.01	62.01	134.40	90.85	70.72
1170.00	53.04	53.30	53.65	154.05	76.62	65.24	129.29	91.07	74.47
1200.00	65.88	65.25	64.96	140.59	73.55	65.14	119.91	98.88	72.58
1250.00	71.71	70.89	70.75	121.56	70.20	65.00	133.54	83.76	75.42
1300.00	66.06	65.70	66.11	125.43	70.03	62.18	132.84	85.86	75.03
1350.00	67.03	67.51	67.51	126.07	69.13	60.72	126.19	87.42	69.46
1400.00	67.00	66.02	66.93	114.78	63.48	57.62	124.24	87.81	73.06
1500.00	71.14	71.18	70.61	115.80	61.05	55.42	118.74	81.60	67.38
1550.00	74.18	70.84	74.42	99.01	58.67	48.68	121.18	79.39	67.20
1600.00	70.97	68.53	68.75	99.16	56.44	45.81	110.20	76.01	64.40
1650.00	66.88	69.91	68.46	102.69	53.82	44.15	103.87	75.03	59.73
1700.00	64.46	65.18	64.98	109.94	54.77	42.58	121.25	73.96	61.57
1750.00	65.33	66.55	64.74	106.65	49.96	39.19	115.06	73.77	57.88
1800.00	79.05	66.85	66.48	96.87	48.75	36.28	99.63	66.62	52.83
1840.00	68.30	69.32	68.61	86.67	42.00	32.40	85.24	54.52	43.88
1850.00	70.58	70.63	66.75	75.60	38.15	29.98	78.17	52.22	43.34
1860.00	58.97	59.93	59.27	65.88	35.08	26.98	72.29	47.76	38.88
1870.00	51.67	51.31	51.53	54.80	31.04	24.34	63.58	43.58	36.51
1880.00	44.95	44.48	44.12	43.59	26.41	20.93	56.26	38.70	32.53
1890.00	37.97	37.63	37.35	33.07	21.43	17.09	44.81	32.59	27.53
1895.00	34.47	34.25	33.85	28.67	18.88	15.19	42.02	30.02	25.19
1900.00	31.03	30.74	30.41	23.58	16.10	13.01	35.62	26.18	22.27

