

Surface Mount Band Pass Filters



RLC Electronics' surface mount filters offer the same excellent frequency response characteristics as our existing MBP micro miniature filters. Units capable of withstanding automated soldering temperatures can also be supplied, if required.

Specifications

SMBP⁻¹⁻²⁻³⁻⁴

MODEL No.	CENTER FREQUENCY RANGE (MHz)	3 dB BANDWIDTH (% OF fc)	NUMBER OF SECTIONS	STOPBAND ATTENUATION
SMBP-	10 TO 1500	2 TO 70%	2 TO 8	See page 89
	1500 TO 4000	2 TO 50%		
	4000 TO 6000	5 TO 50%	2 TO 6	SEE FIGURE 1

VSWR: 1.5:1

Passband Insertion Loss (max at fc): See Figure 2

Impedance: 50 Ohms

Power Rating: 2 Watts

Environment: MIL-E-5400, Class 1A

Surface Mounting

To designate the PRODUCT desired use:

1: Center frequency in MHz

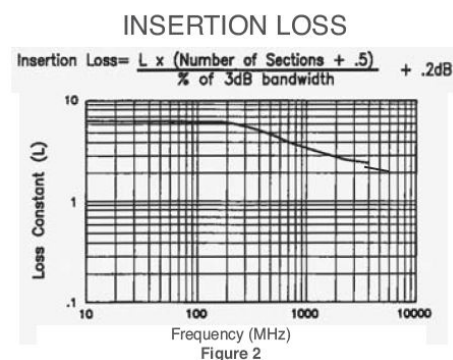
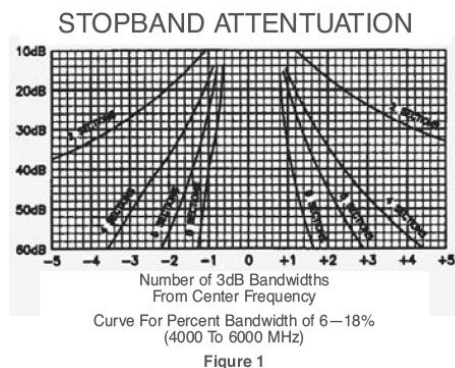
2: 3dB bandwidth in MHz

3: Number of sections

4: Outline configuration C1 or C2 for up to 4 GHz max;

D1 or C3 for 4 to 6 GHz (see page 93 for dimensions)

Example: SMBP-500-4-C1 is a 500MHz center frequency, 50 MHz 3 dB bandwidth, 4 section, Miniature Band Pass Filter with an outline per C1 (see page 36 for dimensions)



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