

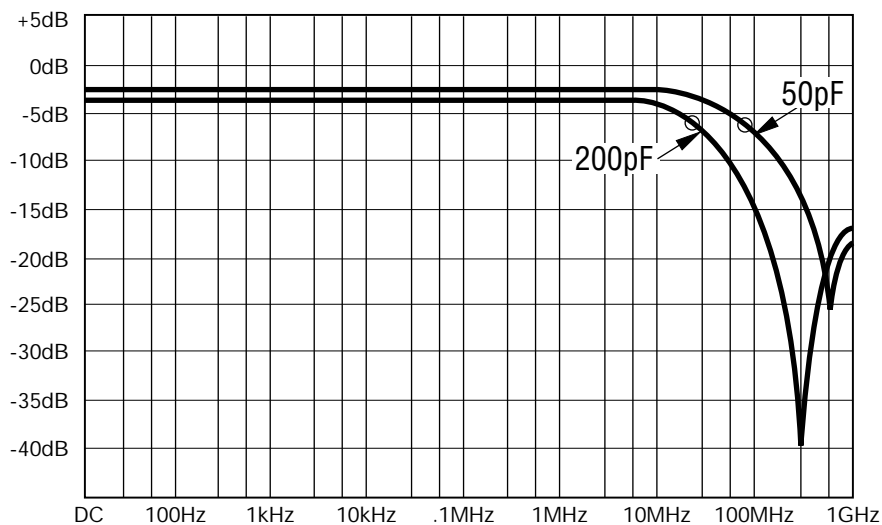
## 601 Series - RC Network T-Filters

**BOURNS®**

### Attenuation Vs. Frequency - Typical Capacitor Values With R= 25 Ohms

Attenuation vs. Frequency  
Model 4120R-601-250/500  
Model 4420-601-250/500  
50pF - 3dB @ 84 MHz

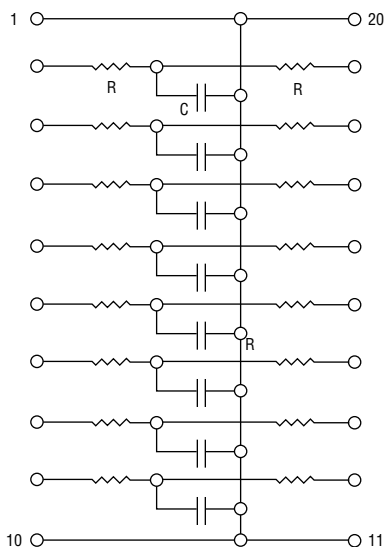
Attenuation vs. Frequency  
Model 4120R-601-250/201  
Model 4420P-601-250/201  
200pF - 3dB @ 21 MHz



○ indicates - 3dB rolloff frequency ( $f_c$ )

### Typical Circuit

4120R-601-RC/CC  
4420R-601-RC/CC



These low-pass filters are ideal for installation between I/O drivers and RS 232 connectors.

### How To Order EMI/RFI Filter Networks

Model 44 20 P - 601 - RC/CC

(44 = SMD SOIC Pkg)  
(41 = Molded DIP)

Number of Pins 20

Physical Configuration P  
P = Surface Mount Device (SMD)  
R = Molded DIP

Terminations  
L = RoHS compliant (tin-plated)  
Blank = Tin-lead plated

Resistance/Capacitance Code  
• First 2 digits are significant  
• Third digit represents the number of zeros to follow

Electrical Configuration  
For tube packaging, use code "T06"

Insert RC/CC Code from table below to form part number.

RC	R	CC	C
250	25	500	50 pF
270	27	101	100 pF
470	47	181	180 pF
820	82	201	200 pF
101	100		

Consult factory for values not listed.

### Packages Available

4420P-601-\*RC/CC-SMD  
4120R-601-\*RC/CC-DIP  
4118R-601-\*RC/CC-DIP

\*First two digits are significant. Third digit represents the number of zeros to follow.

Seven circuits in an 18-pin package.  
Eight circuits in a 20-pin package.

REV. 09/19

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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