

# LOW PASS FILTER

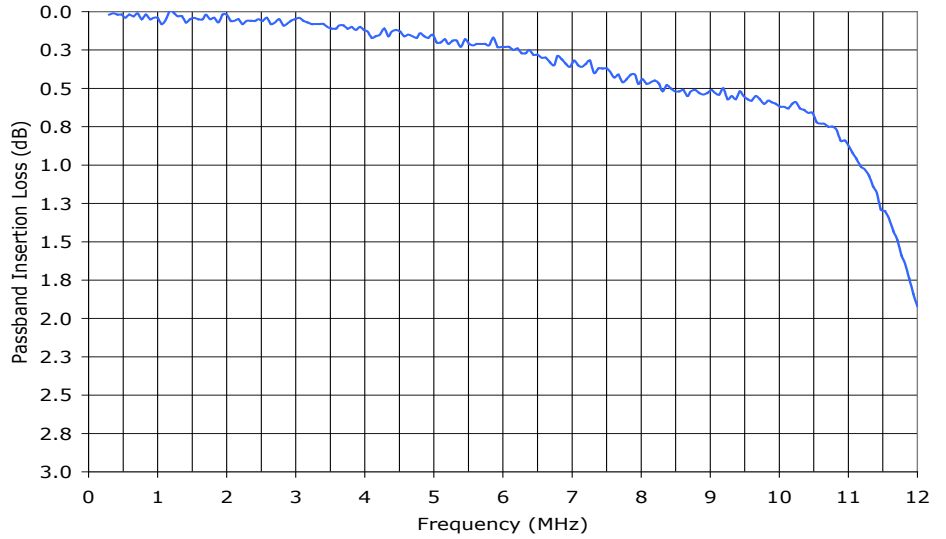
## SURFACE MOUNT MODEL: FLS-12

**CUT-OFF FREQUENCY**

**F<sub>c</sub> = 12 MHz**

**FEATURES:**

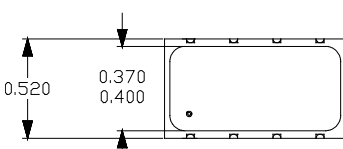
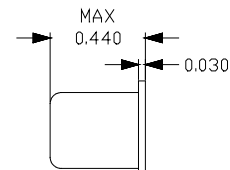
- ▶ Small Size
- ▶ Optimum Performance

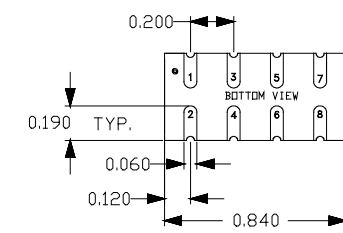


**SPECIFICATIONS (Rev. A 10/10/07)**

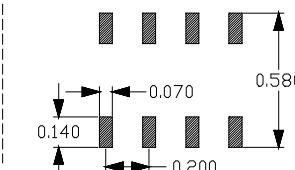
<b>Passband</b>	DC-10.7 MHz						
<b>3 dB Cut-off Frequency</b>	12 MHz						
<b>Passband Insertion Loss</b>	1.0 dB (Max.)						
<b>Stopband Frequencies</b>	<table border="1"> <tr><td>@ 21 MHz</td><td>35 dB (Min.)</td></tr> <tr><td>@ 19 MHz</td><td>23 dB (Min.)</td></tr> <tr><td>@ 16 MHz</td><td>20 dB (Min.)</td></tr> </table>	@ 21 MHz	35 dB (Min.)	@ 19 MHz	23 dB (Min.)	@ 16 MHz	20 dB (Min.)
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@ 19 MHz	23 dB (Min.)						
@ 16 MHz	20 dB (Min.)						
<b>Power Rating</b>	1 Watt (Max.)						
<b>Impedance</b>	50 Ohms (Nom.)						
<b>VSWR (Passband)</b>	1.35:1 dB (Typ.)						
<b>Operating Temperature Range</b>	-40 to +85 °C						

<b>Package #</b>	102S
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LAYOUT FOR PRINTED  
CIRCUIT DESIGN



PORT CONFIGURATION		
Input	Output	Gnd.
1	8	All Other

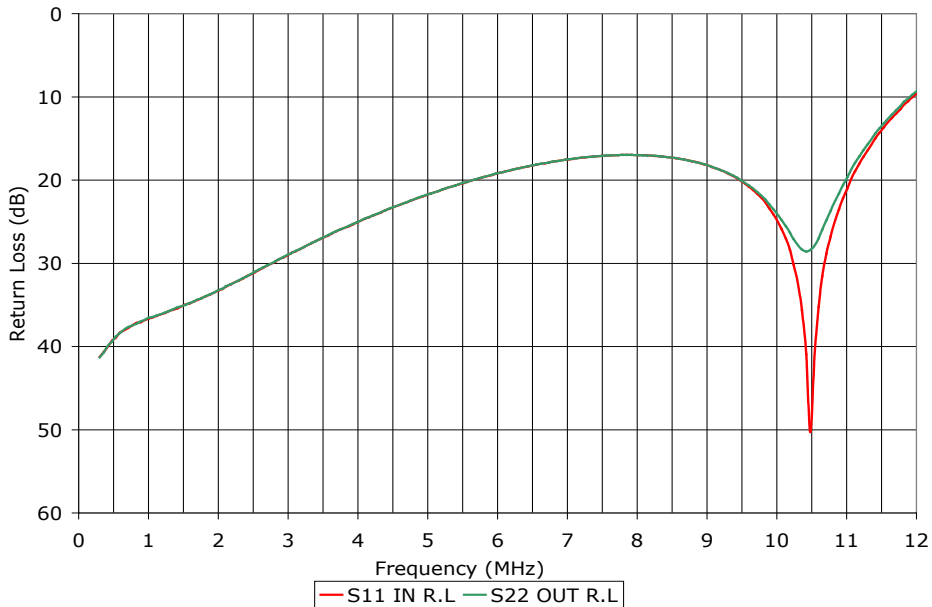
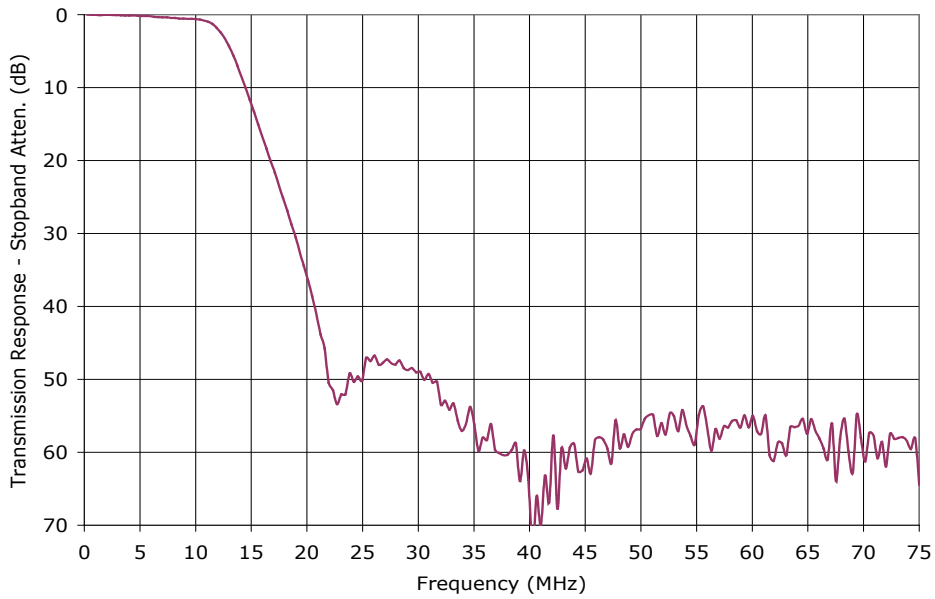
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