

LOW PASS FILTER

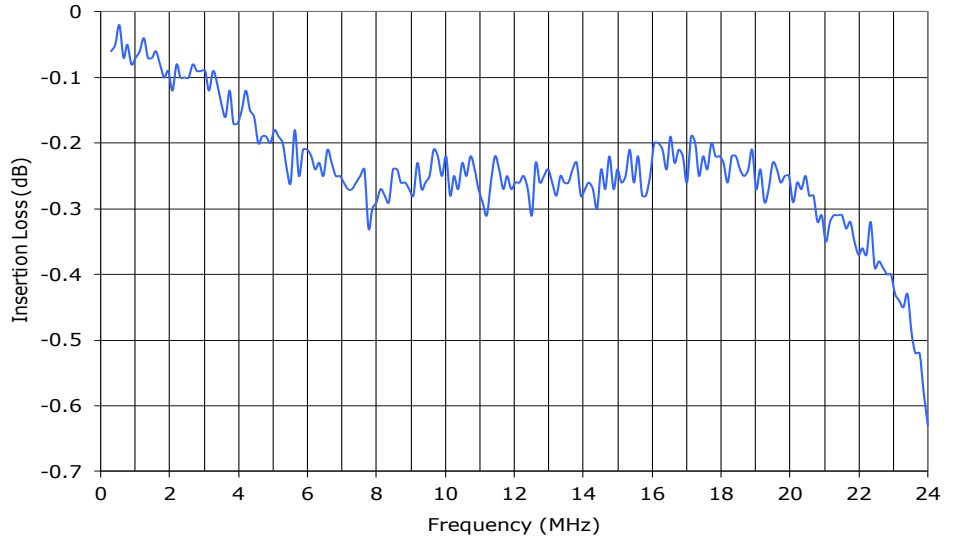
SURFACE MOUNT MODEL: FLS-24

CUT-OFF FREQUENCY

F_c = 24 MHz

FEATURES:

- ▶ Small Size
- ▶ Optimum Performance



SPECIFICATIONS (Rev. B 06/26/25)

Passband	DC-21.4 MHz						
3 dB Cut-off Frequency	24 MHz						
Passband Insertion Loss	1.0 dB (Max.)						
Stopband Frequencies	<table border="1"> <tr> <td>@ 42 MHz</td> <td>35 dB (Min.)</td> </tr> <tr> <td>@ 37 MHz</td> <td>23 dB (Min.)</td> </tr> <tr> <td>@ 32 MHz</td> <td>20 dB (Min.)</td> </tr> </table>	@ 42 MHz	35 dB (Min.)	@ 37 MHz	23 dB (Min.)	@ 32 MHz	20 dB (Min.)
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@ 37 MHz	23 dB (Min.)						
@ 32 MHz	20 dB (Min.)						
Power Rating	1 Watt (Max.)						
Impedance	50 Ohms (Nom.)						
VSWR (Passband)	1.70:1 dB (Typ.)						
Operating Temperature Range	-55 to +100 °C						

Package #	102SLF-2
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TOP VIEW

SIDE VIEW

TOLERANCES ON THREE DECIMAL PLACES= ± 0.010

BOTTOM VIEW

LAYOUT FOR PRINTED CIRCUIT DESIGN

PORT CONFIGURATION		
Input	Output	Gnd.
1	8	All Other

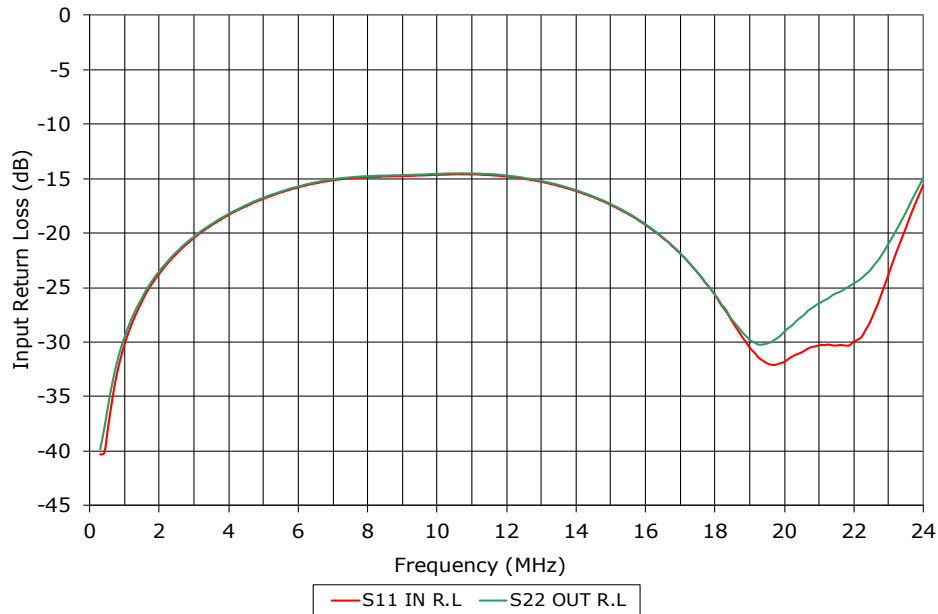
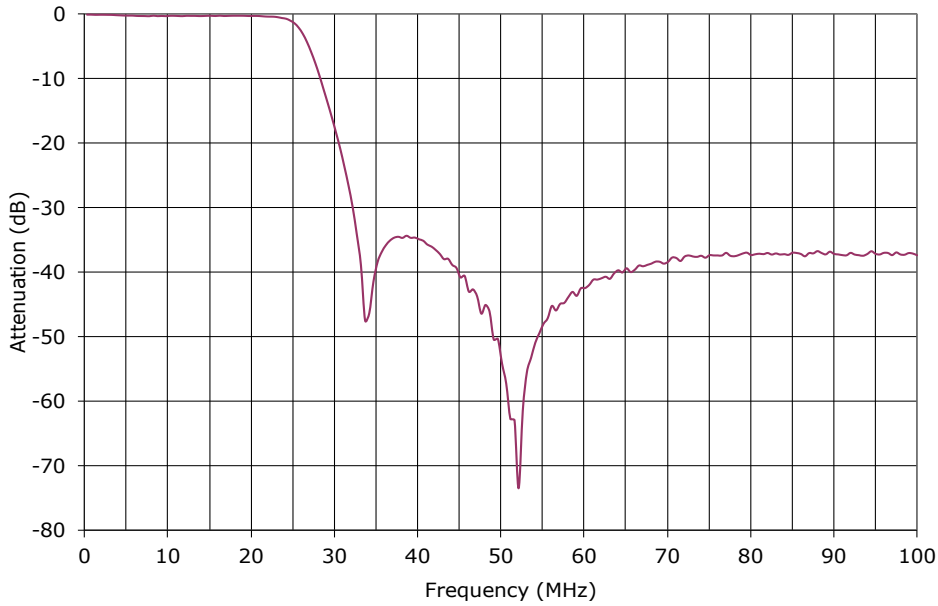
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