

LOW PASS FILTER

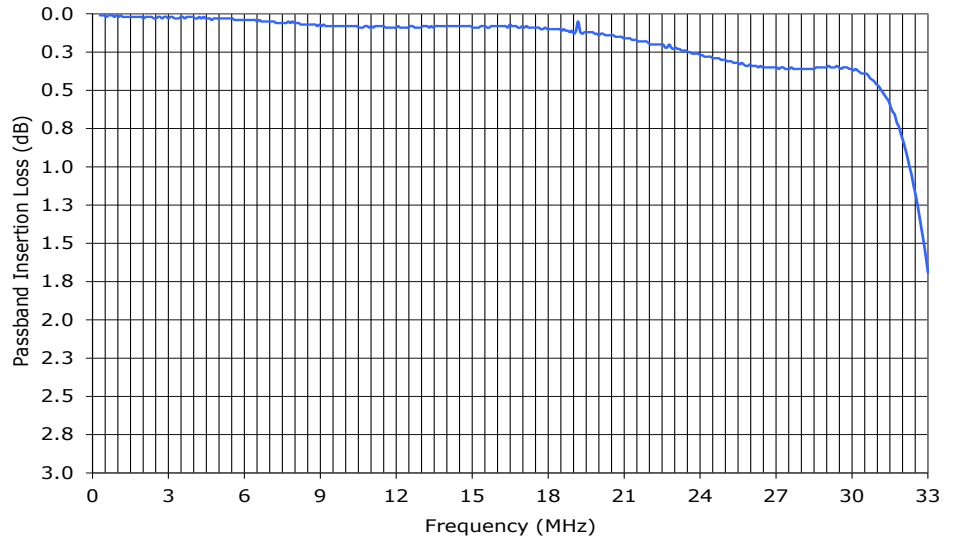
SURFACE MOUNT MODEL: FLS-33

CUT-OFF FREQUENCY

F_c = 33 MHz

FEATURES:

- ▶ Small Size
- ▶ Optimum Performance



SPECIFICATIONS (Rev. A 06/26/25)

Passband	DC-30 MHz						
3 dB Cut-off Frequency	33 MHz						
Passband Insertion Loss	1.0 dB (Max.)						
Stopband Frequencies	<table border="1"> <tr> <td>@ 58 MHz</td> <td>35 dB (Min.)</td> </tr> <tr> <td>@ 51 MHz</td> <td>23 dB (Min.)</td> </tr> <tr> <td>@ 44 MHz</td> <td>20 dB (Min.)</td> </tr> </table>	@ 58 MHz	35 dB (Min.)	@ 51 MHz	23 dB (Min.)	@ 44 MHz	20 dB (Min.)
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@ 51 MHz	23 dB (Min.)						
@ 44 MHz	20 dB (Min.)						
Power Rating	1 Watt (Max.)						
Impedance	50 Ohms (Nom.)						
VSWR (Passband)	1.7:1 dB (Typ.)						
Operating Temperature Range	-40 to +85 °C						

Package # 102SLF-2

TOLERANCES ON THREE DECIMAL PLACES= ± 0.010

LAYOUT FOR PRINTED CIRCUIT DESIGN

PORT CONFIGURATION

Input	Output	Gnd.
1	8	All Other

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PERFORMANCE PLOTS

