

LOW PASS FILTER

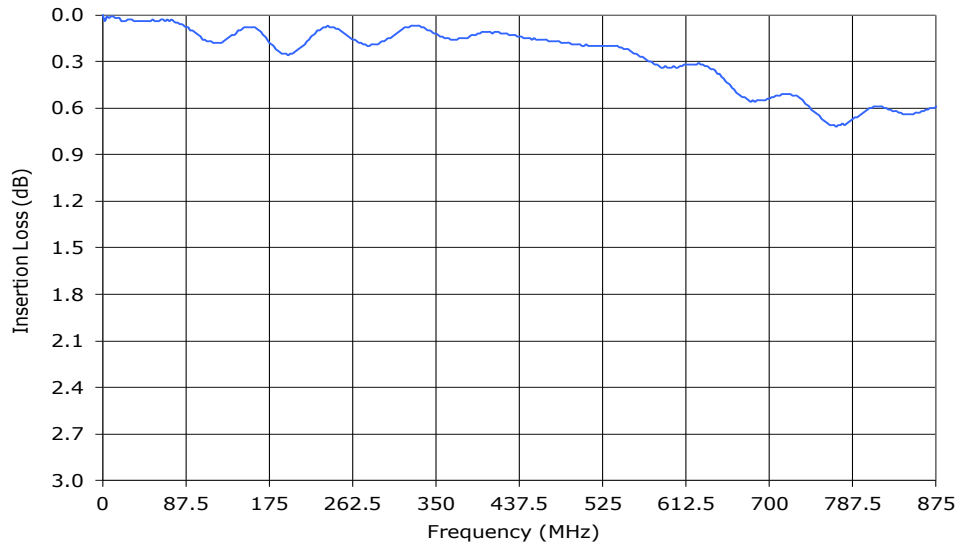
SURFACE MOUNT MODEL: FLS-965

CUT-OFF FREQUENCY

F_c = 965 MHz

FEATURES:

- ▶ Small Size
- ▶ Optimum Performance



SPECIFICATIONS (Rev. B 06/26/25)

Passband	DC - 875 MHz								
3 dB Cut-off Frequency	965 MHz								
Passband Insertion Loss	0.6 dB (Typ.) / 1.0 dB (Max.)								
Stopband Frequencies	<table border="1" style="width: 100%;"> <thead> <tr> <th>Frequency</th> <th>dB (Typ. / Min.)</th> </tr> </thead> <tbody> <tr> <td>@ 1495 MHz</td> <td>40 / 20</td> </tr> <tr> <td>@ 1595 MHz</td> <td>45 / 23</td> </tr> <tr> <td>@ 1690 MHz</td> <td>54 / 35</td> </tr> </tbody> </table>	Frequency	dB (Typ. / Min.)	@ 1495 MHz	40 / 20	@ 1595 MHz	45 / 23	@ 1690 MHz	54 / 35
Frequency	dB (Typ. / Min.)								
@ 1495 MHz	40 / 20								
@ 1595 MHz	45 / 23								
@ 1690 MHz	54 / 35								
Power Rating	2 Watts (Max.)								
Impedance	50 Ohms (Nom.)								
VSWR (Passband)	1.5:1 (Typ.)								
Operating Temperature Range	-40 to +85 °C								

Package # 102SLF-2

LAYOUT FOR PRINTED CIRCUIT DESIGN

PORT CONFIGURATION

Input	Output	Gnd.
1	8	All Other

TOLERANCES ON THREE DECIMAL PLACES= ± 0.010

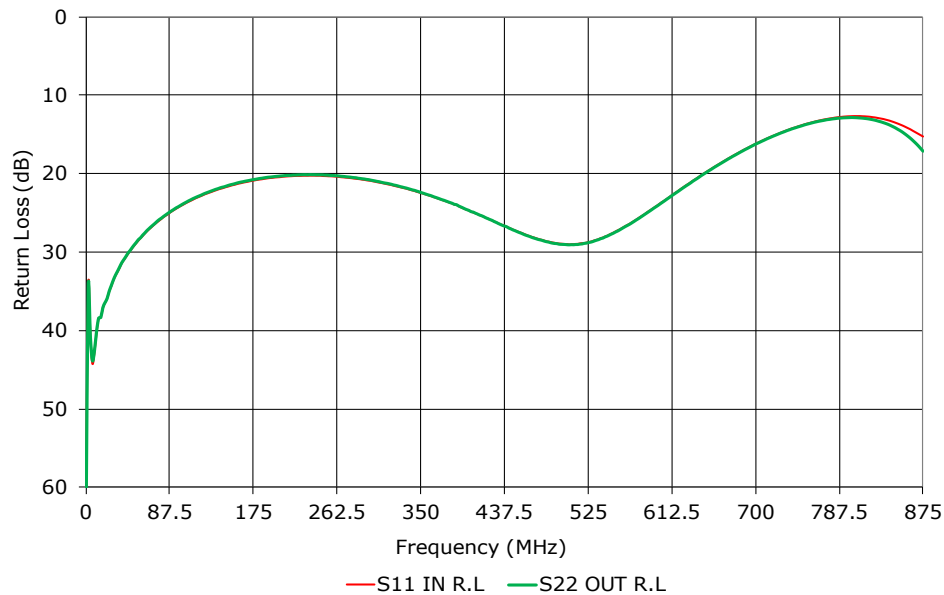
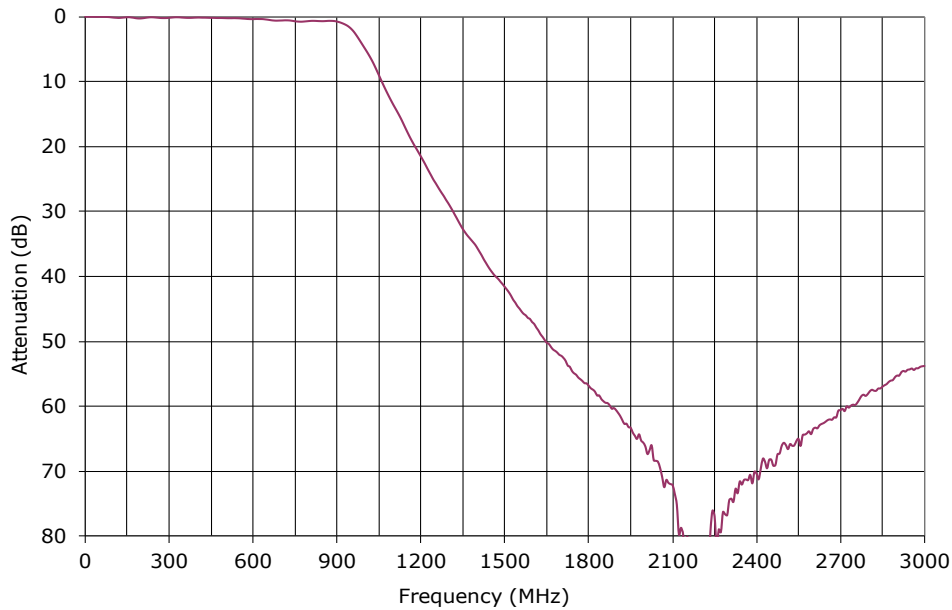
LOW PASS FILTER

SURFACE MOUNT MODEL: FLS-965

CUT-OFF FREQUENCY

$F_c = 965 \text{ MHz}$

PERFORMANCE PLOTS

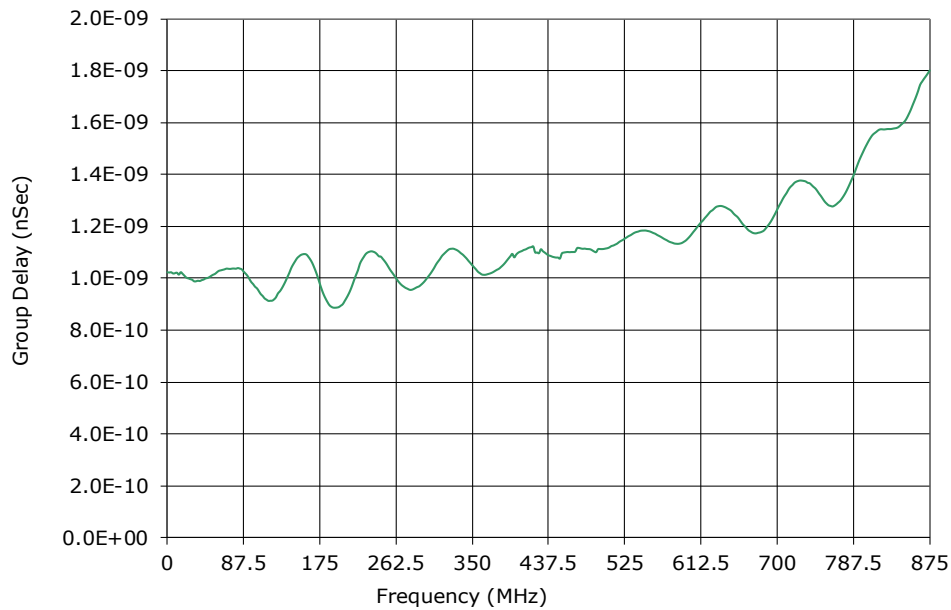


LOW PASS FILTER

SURFACE MOUNT MODEL: FLS-965

CUT-OFF FREQUENCY

$F_c = 965 \text{ MHz}$



PERFORMANCE PLOTS