

BANDPASS FILTER

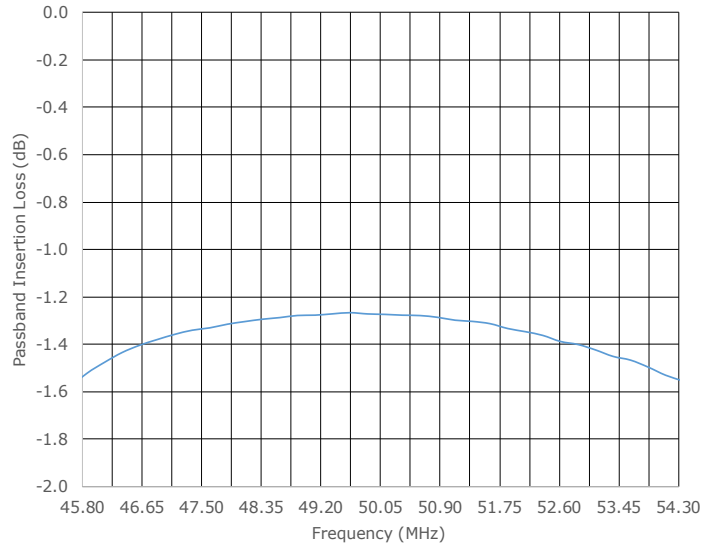
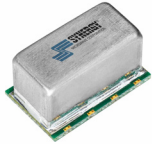
SURFACE MOUNT MODEL: FIS-50

OPTIMIZED BANDWIDTH

F_c = 50 MHz

FEATURES:

- ▶ Low Loss
- ▶ Small Size
- ▶ High Rejection



SPECIFICATIONS (Rev. C 10/29/25)

Center Frequency	50 MHz
Passband Insertion Loss	1.7 dB (Max)
Passband	45.8 - 54.3 MHz
20 dB Bandwidth	35 - 65 MHz
40 dB Bandwidth	15.8 - 150 MHz
Power Rating	1 Watt (Max.)
Impedance	50 Ohms (Nom.)
Operating Temperature Range	-40 to +85 °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

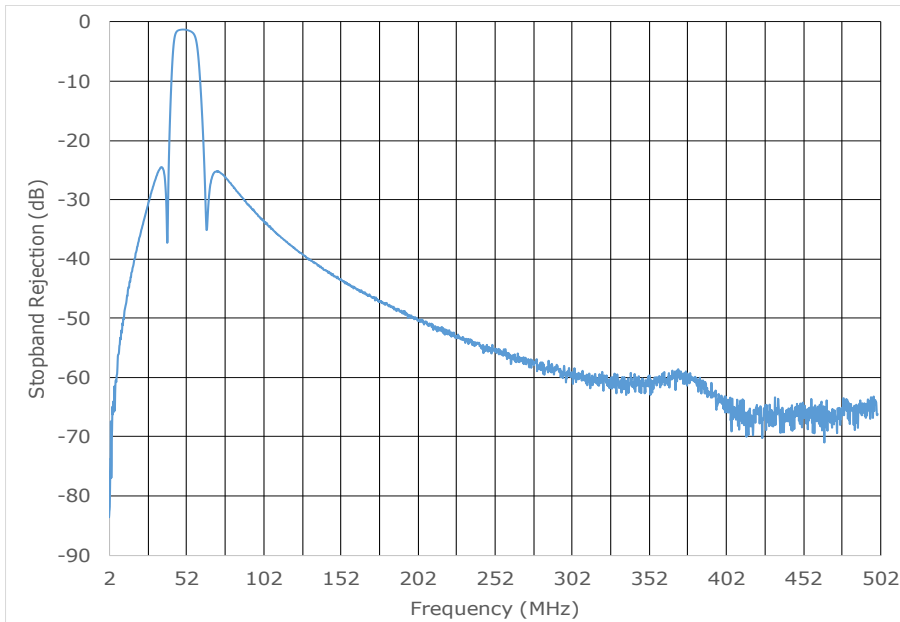
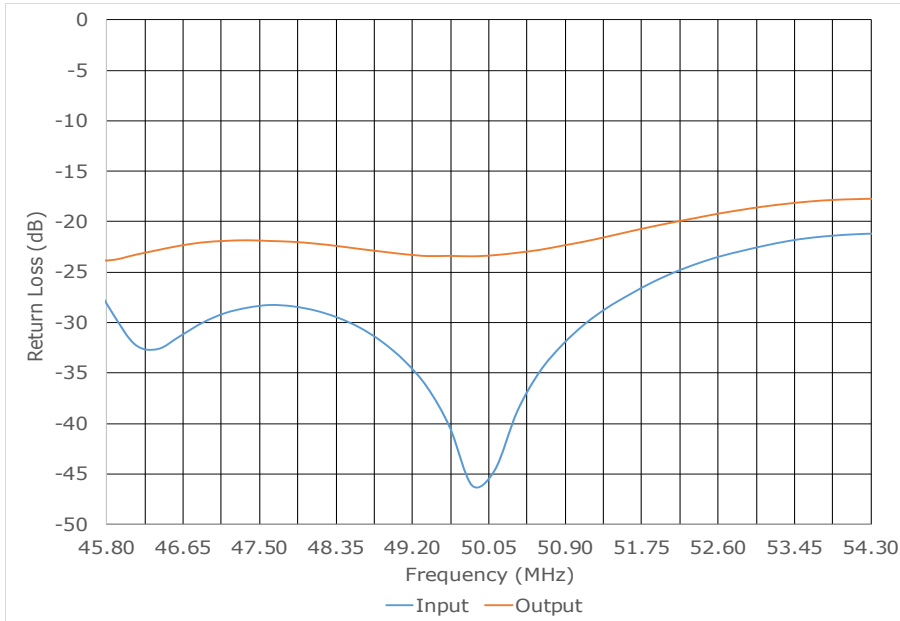
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PERFORMANCE PLOTS

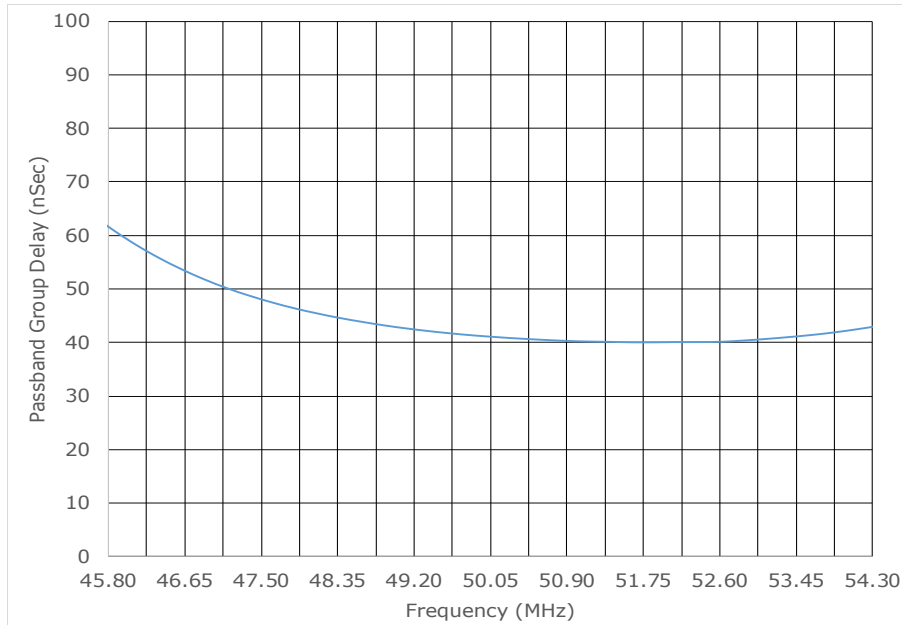


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