

BANDPASS FILTER

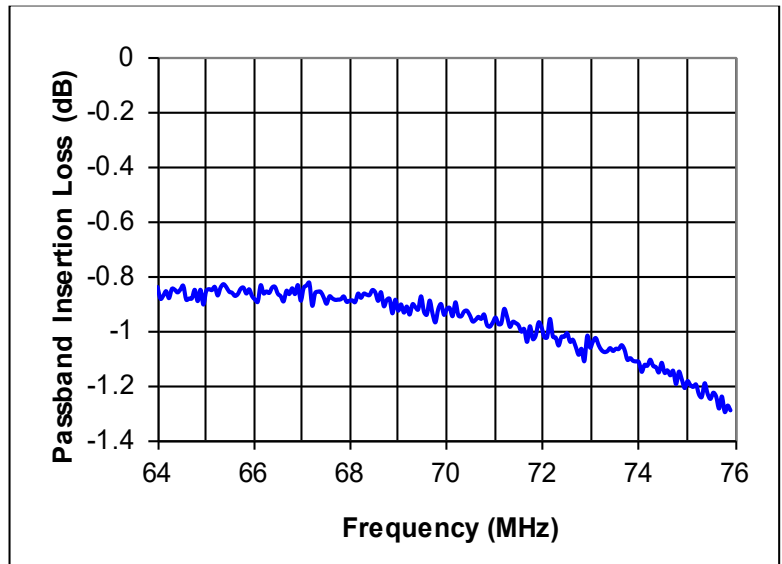
SURFACE MOUNT MODEL: FIS-70

OPTIMIZED BANDWIDTH

F_c = 70 MHz

FEATURES:

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



SPECIFICATIONS (Rev. B 10/29/25)

| | |
|------------------------------------|------------------|
| Center Frequency | 70 MHz |
| Passband Insertion Loss | 1.5 dB (Max) |
| Passband | 64.0 - 75.9 MHz |
| 20 dB Bandwidth | 49.0 - 91.0 MHz |
| 40 dB Bandwidth | 20.3 - 210.0 MHz |
| Power Rating | 1 Watt (Max.) |
| Impedance | 50 Ohms (Nom.) |
| Operating Temperature Range | -40 to +85 °C |

| | | |
|------------------|----------|--|
| Package # | 102SLF-2 | |
|------------------|----------|--|

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 |

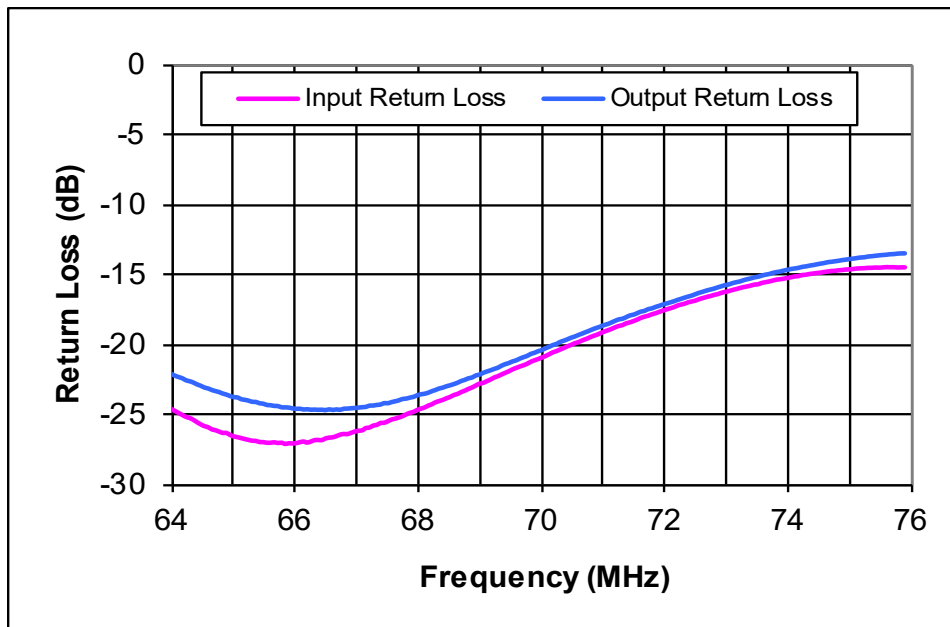
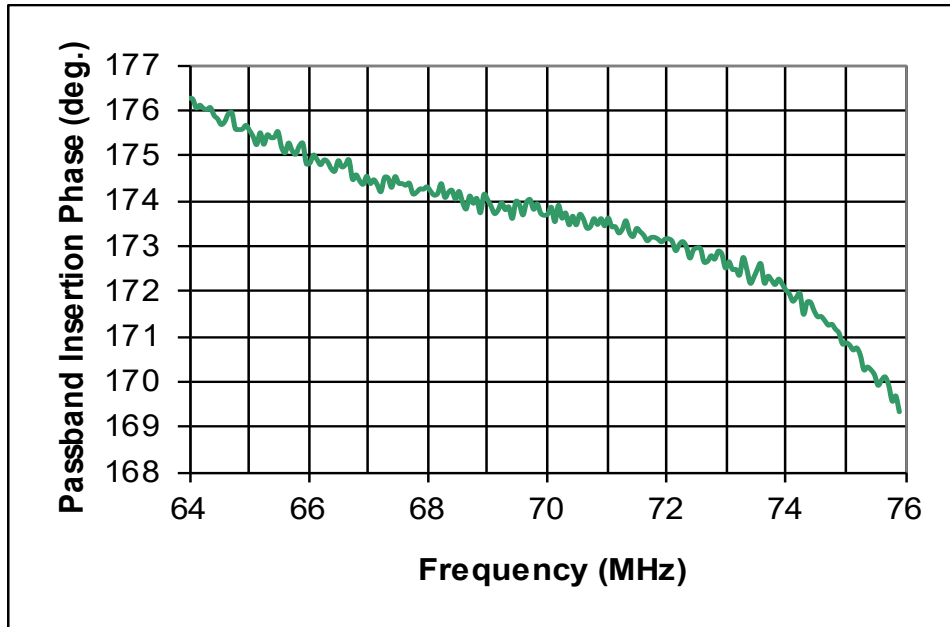
BANDPASS FILTER

SURFACE MOUNT MODEL: FIS-70

OPTIMIZED BANDWIDTH

$F_c = 70 \text{ MHz}$

PERFORMANCE PLOTS



BANDPASS FILTER

SURFACE MOUNT MODEL: FIS-70

OPTIMIZED BANDWIDTH

$F_c = 70 \text{ MHz}$

PERFORMANCE PLOTS

