

BAND PASS FILTER

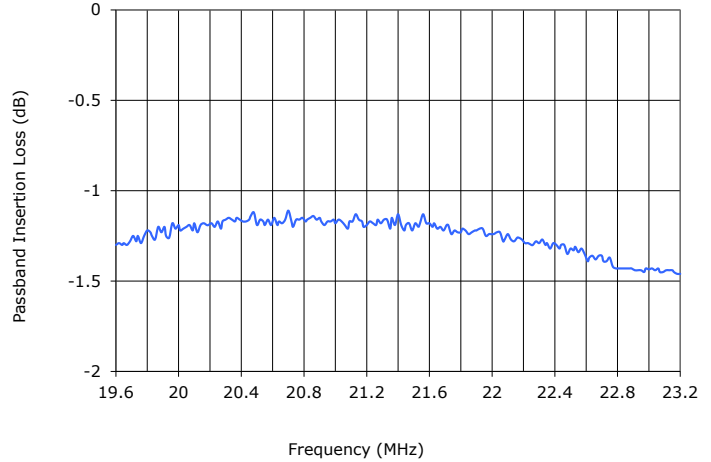
SURFACE MOUNT MODEL: FIS-21.4LF

OPTIMIZED BANDWIDTH

F_c = 21.4 MHz

FEATURES:

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



SPECIFICATIONS

Center Frequency	21.4 MHz
Passband Insertion Loss	1.5 dB (Max.)
Passband	19.6 - 23.2 MHz
20 dB Bandwidth	14.9 - 27.8 MHz
40 dB Bandwidth	6.80 - 64.2 MHz
Passband VSWR	1.3:1 (Typ.)
Input Power	1 Watt (Max.)
Impedance	50 Ohms (Nom.)
Operating Temperature Range	-40 to +85 °C

Package # 102SLF-1

TOP VIEW
 Dimensions: 0.840 (width), 0.520 (height), 0.200 (port spacing), 0.060 (port diameter), 0.120 (port offset).

SIDE VIEW
 Dimensions: 0.440 MAX (height), 0.400 MAX (width).

BOTTOM VIEW
 Dimensions: 0.150 (port offset), 0.060 (port diameter), 0.120 (port offset).

LAYOUT FOT PRINTED CIRCUIT DESIGN
 Dimensions: 0.200 (6 PLS.), 0.080 (8 PLS.), 0.560 (height), 0.680 (width), 0.175 (8 PLS.).

TOLERANCES ON THREE DECIMAL PLACES ± 0.010

PORT CONFIGURATION		
Input	Output	Gnd.
1	8	All Other

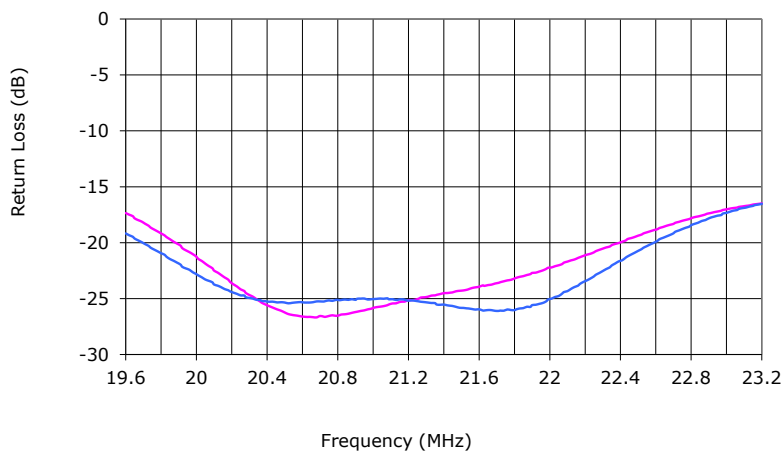
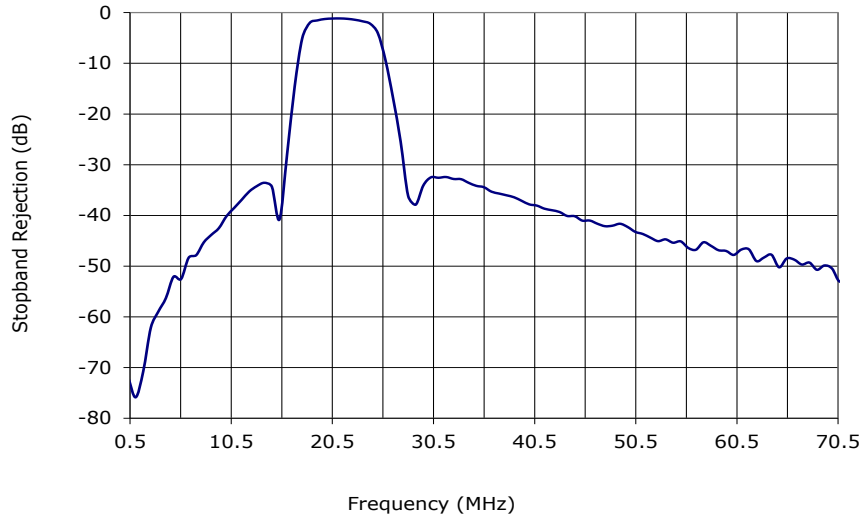
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