

# BAND PASS FILTER

## SURFACE MOUNT MODEL: FBS-140

**OPTIMIZED FREQUENCY**

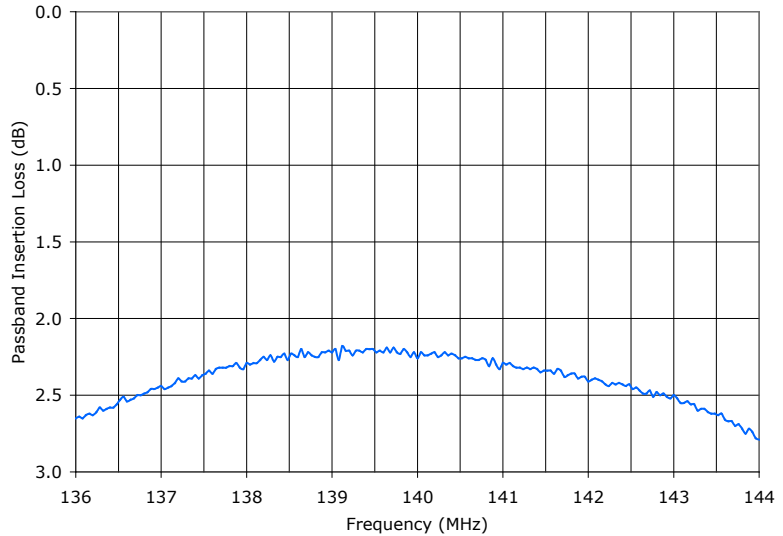
**F<sub>c</sub> = 140 MHz**

**FEATURES:**

- ▶ High Rejection
- ▶ Small Size
- ▶ Optimum Performance

**APPLICATIONS:**

- ▶ Transceiver IF Filter
- ▶ Wireless Communications
- ▶ Commercial & Military Systems



**SPECIFICATIONS (Rev. A 10/19/07)**

<b>Center Frequency</b>	140 MHz
<b>Insertion Loss</b>	5 dB (Max.)
<b>1 dB Ripple Bandwidth</b>	8 MHz
<b>20 dB Bandwidth</b>	120 - 160 MHz
<b>40 dB Bandwidth</b>	108 - 178 MHz
<b>Input Power</b>	1 Watt (Max.)
<b>Impedance</b>	50 Ohms (Nom.)
<b>Operating Temperature Range</b>	-40 to +85 °C

**Package #** 124S

PORT CONFIGURATION		
Input	Output	Gnd.
1	16	All Other

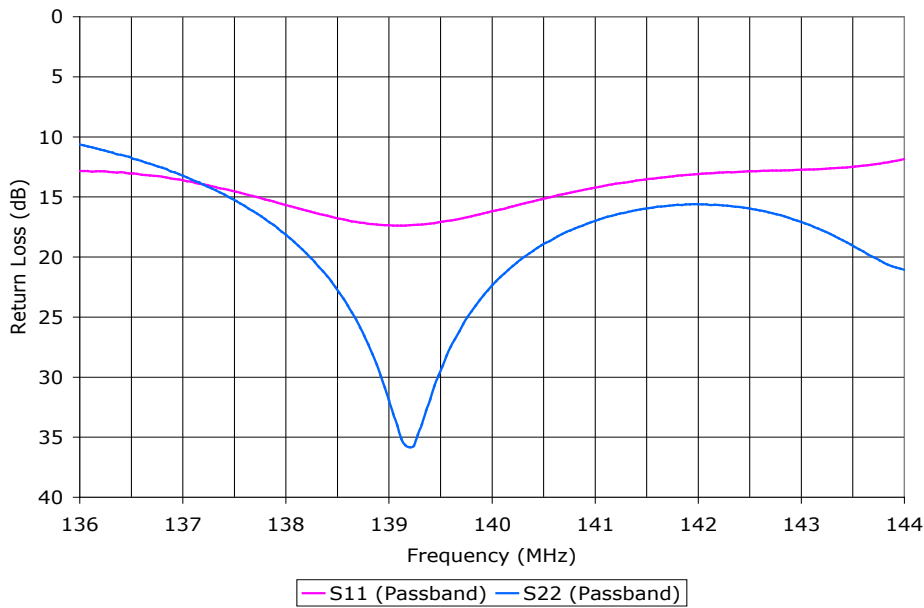
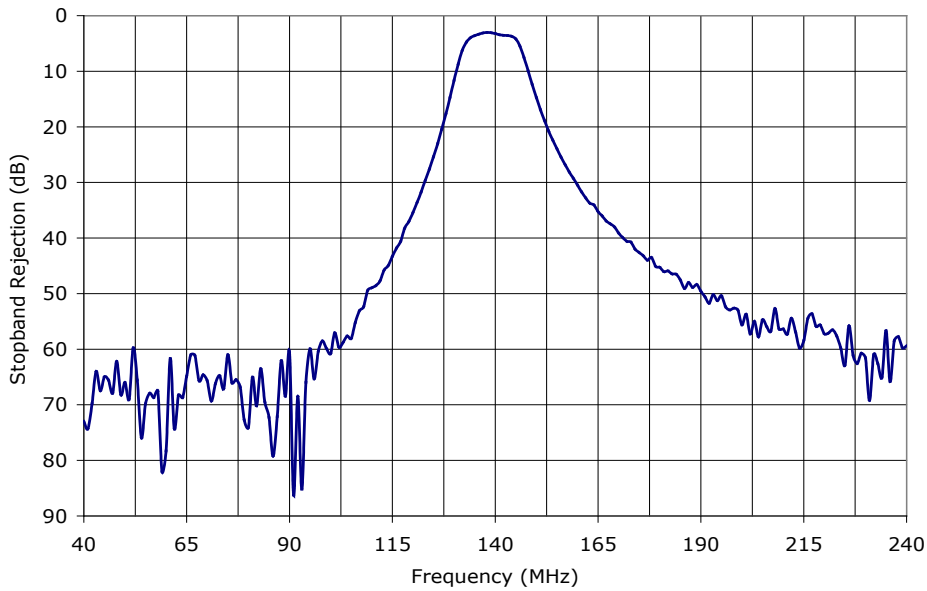
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PERFORMANCE PLOTS



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