

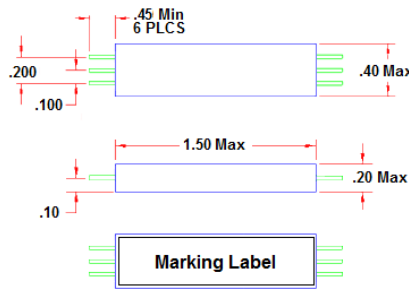
Specification for a Bandpass LC Filter MtronPTI P/N: LF9588

I. General & Electrical Requirements:

- Center Frequency (F_{ON}): 965MHz
- Passband Band: 700MHz to 1230MHz minimum
- % Bandwidth: 55%
- Passband Insertion Loss: ≤ 2.0 dB
- Rejection (relative to IL)
 - DC to 470MHz: 55dB minimum
 - 1400MHz to 2460MHz: 55dB minimum
 - 2460MHz to 6000MHz: 40dB minimum
 - Lower side shape factor: 1.49
 - Upper side shape factor: 1.14
- Input Power Handling: +33dBm CW
- Z_S/Z_L : 50 Ω nominal

II. Environmental & Physical Requirements:

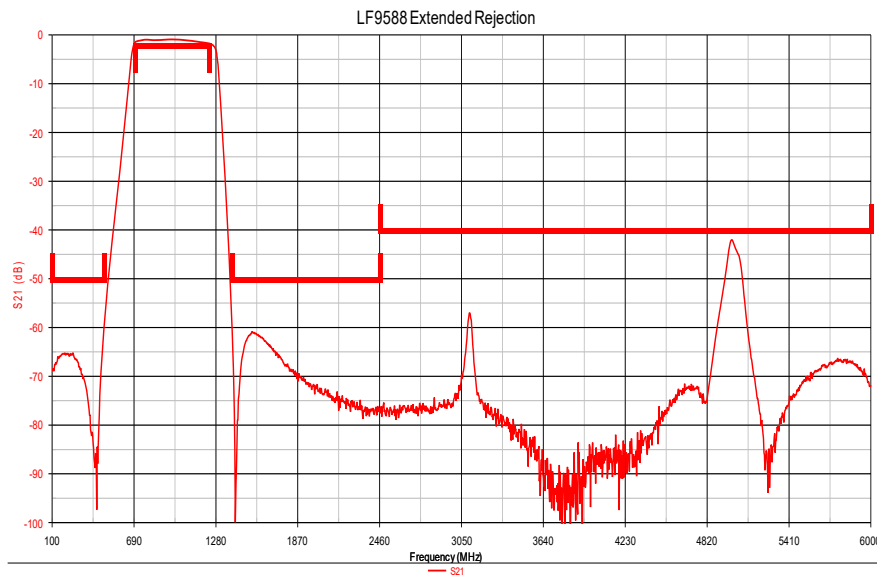
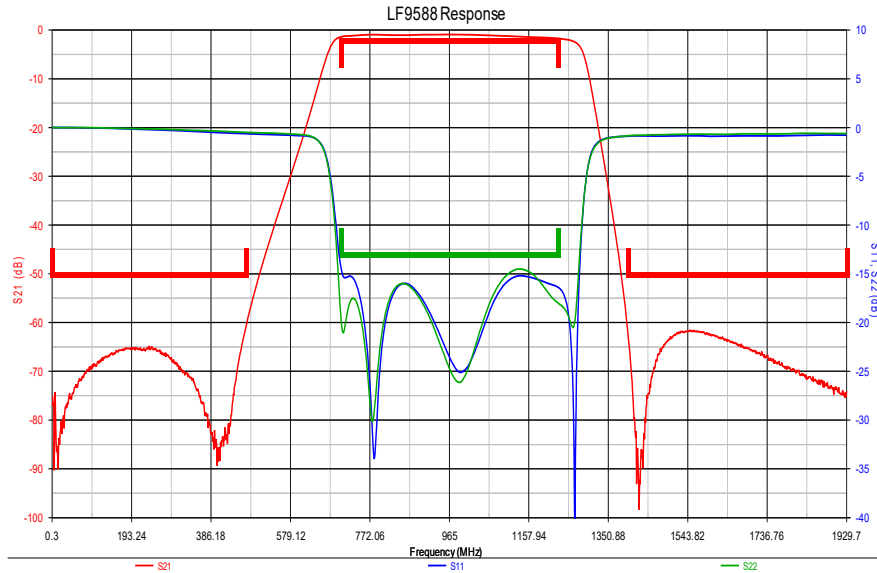
1. Temperature Range:
 - Operating: -20°C to +60°C
 - Storage: -40°C to +85°C
2. Package:
 - Size: 1.500" (L) x 0.400" (W) x 0.200" (H), all dimensions are maximums
 - Case Materials & Finish: Silver Plated Brass per ASTM B700, Type1, Grade A



Part Marking		
	MtronPTI Model #	
In	NGC Amherst P/N	Out
	Serial #	
	Date Code	

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III. Representative Plots:



IV. Data Sheet Revision Table:

Date	Rev.	Author	Details of Revision
08-03-15	A	DPD	Operating temp changed : -20C to +60C
07-31-15	-	DPD	Original Release