

BPF Series

700-2000MHz Band Pass Filter

Features

- Center Frequency: 1350MHz
- Pass Band: 700 – 2000MHz
- Insertion Loss: 2dB
- Input/Output Impedance: 50Ω
- Maximum Input Power: 8W
- LTCC Technology
- SMA Connector

Description

BPF-1350L is a LTCC 700 - 2000MHz Band Pass Filter for Wide Band application.

Picture



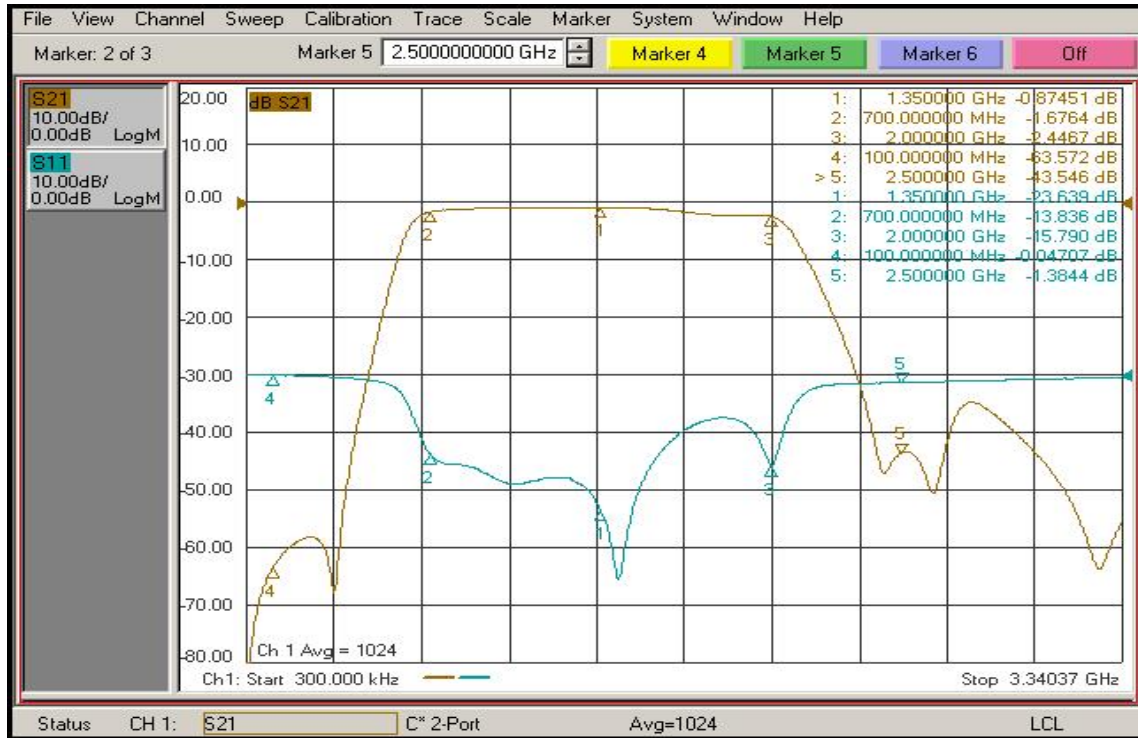
Electrical Specifications @ +25 °C, $Z_S = Z_L = 50 \Omega$

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	700		2000
Center Frequency	MHz		1350	
Insertion Loss	dB		2.0	
Rejection at 100MHz	dB		60	
Rejection at 2450MHz	dB		44	
Maximum Input Power	W		8.0	
Input/output impedance	Ω		50	
Group Delay	ns		1.0	
Group Delay Ripple	ns		± 0.7	
VSWR				
Input VSWR			2.0:1	
Output VSWR			2.0:1	
Size (excluding SMA connectors)	inch	1.25" x 1.25" x 0.56"		
Weight	Oz	1.5		

Note: Input and output are interchangeable

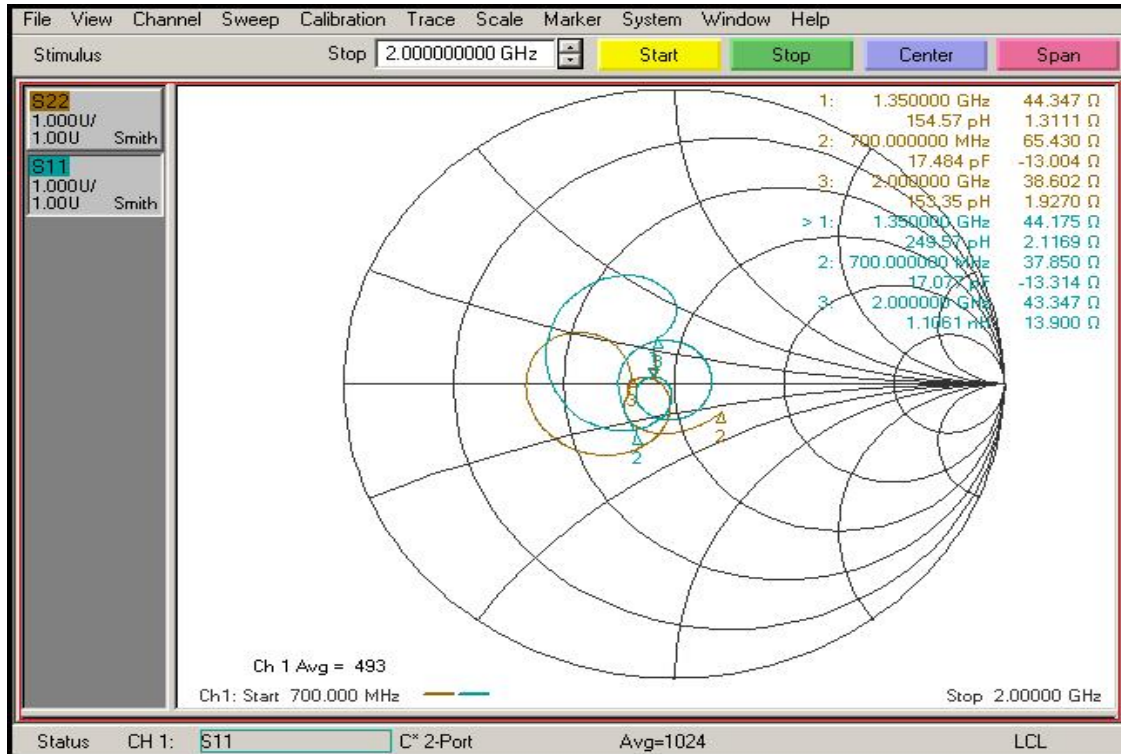
Typical Performance @ +25 °C





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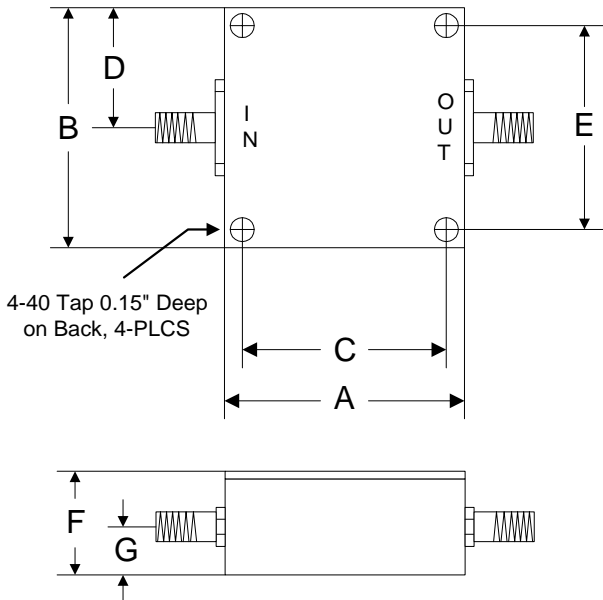
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Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+39dBm
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-65 °C to +150 °C

Outline



	A	B	C	D	E	F	G
Inch	1.250	1.250	1.000	0.625	1.000	0.563	0.250
mm	31.75	31.75	25.40	15.88	25.40	14.29	6.35