



# Specifications

Ceramic Bandpass Filter

Design	Engineering	Approval
CYK	MHJ	ECL

Customer:

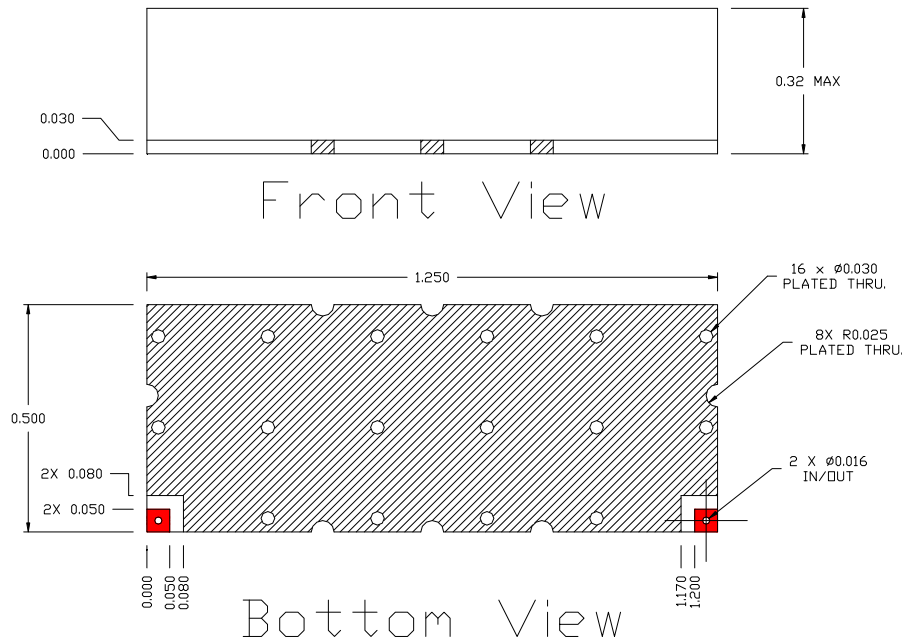
Date: 04-04-12

P/N: BPM1539-42A1

## Electrical Specifications

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1539
2	Frequency Range	MHz	1518 ~ 1560
3	Insertion Loss at Fc	dB	3.3 max. at Center
4	3dB Bandwidth	MHz	50
5	Ripple in Bandwidth	dB	1.0 max.
6	Return Loss in BW	dB	14.0 min.
7	Attenuation	dBc	50 min. @ DC ~ 1400MHz
			37 min. @ 1401 ~ 1467MHz
			13 min. @ Fc - 37MHz(1502MHz)
			13 min. @ Fc + 37MHz(1576MHz)
			37 min. @ 1617 ~ 10000MHz
20 min. @ 10000 ~ 18000MHz			
8	Input Power	Watt	1 max.
9	IN/OUT Impedance	$\Omega$	50
10	Temp. Range	$^{\circ}\text{C}$	-40 ~ +90
11	RoHS Compliance	-	Yes

## Dimensions [Unit: Inch]

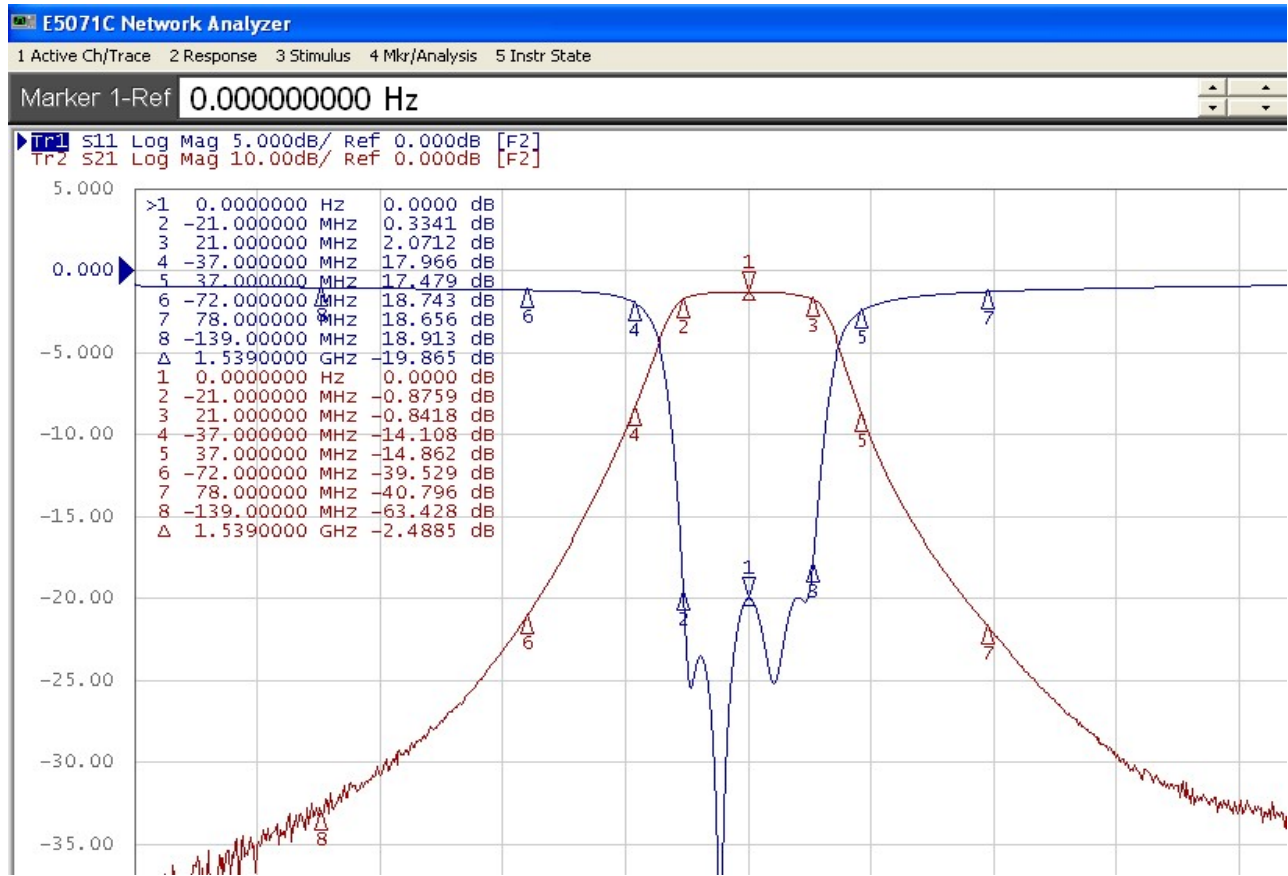
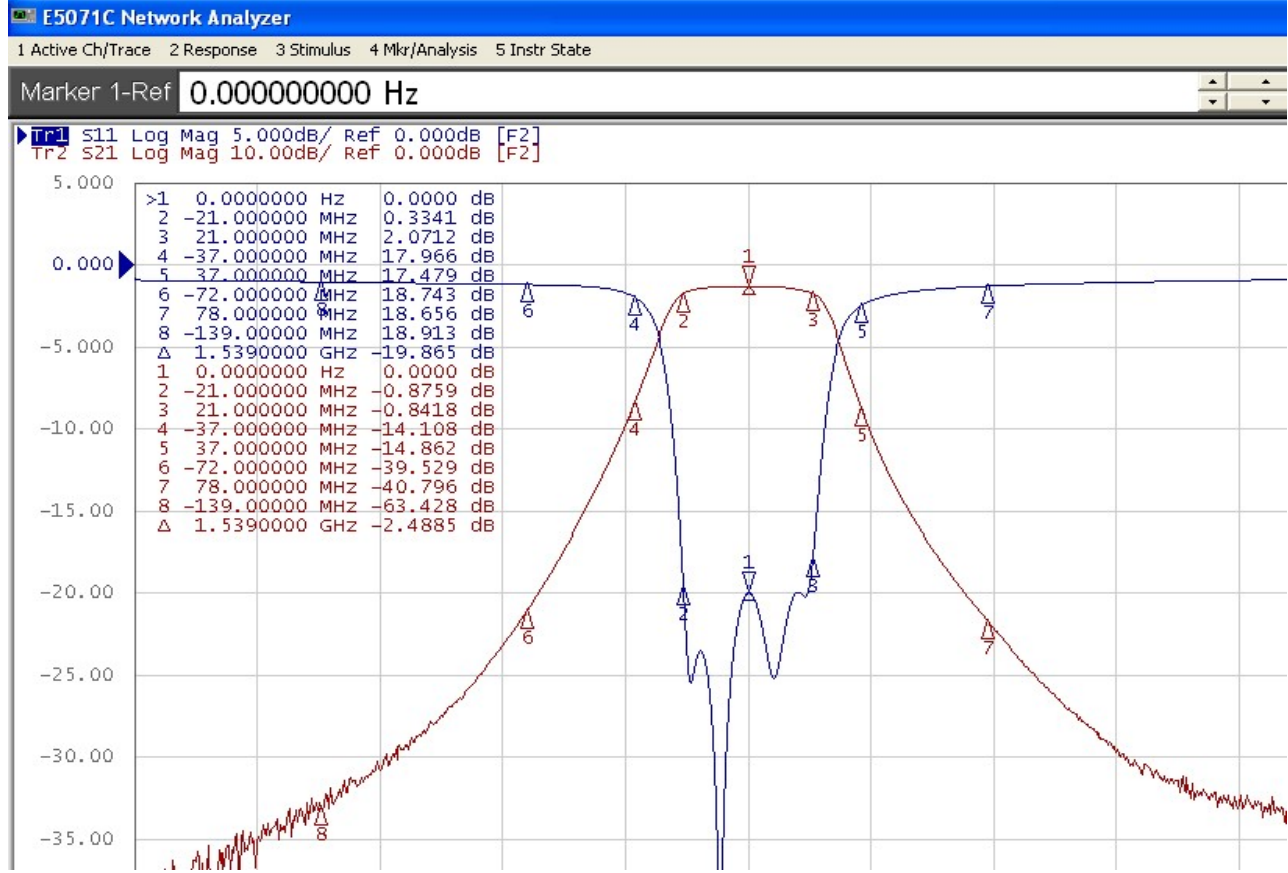


Notes :

- Surface mount package
- Dimensions in inches
- Max reflow temperature 230 $^{\circ}\text{C}$  for 10 sec
- If boards are cleaned after installation units must be completely dried
- Tolerance unless specified : +/- 0.012

■ : In / Out Port  
 ▨ : Ground  
 □ : No metal

# Performance Graph



E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

