



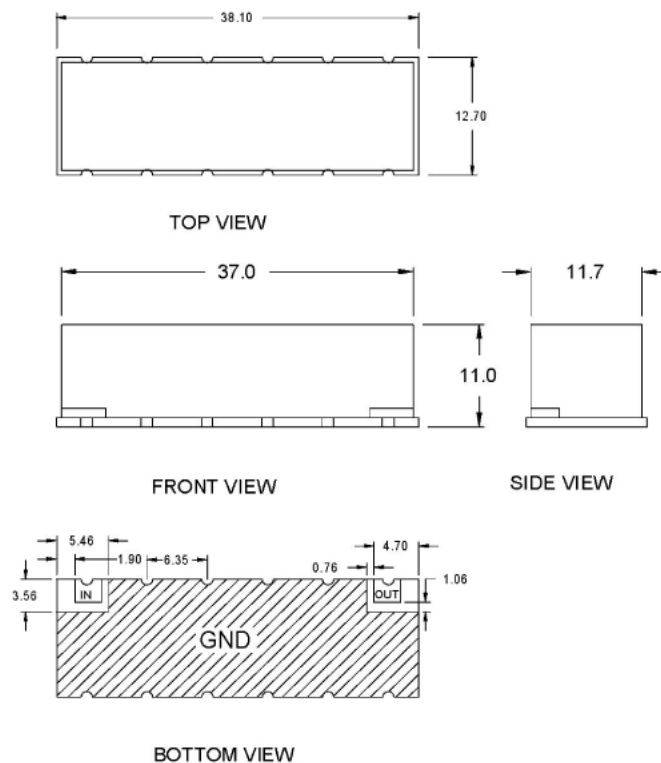
## Preliminary Data Sheet

P .No :-AE/LC/BPFA12CCF5/1M

### 1. Electrical Specifications:

Centre frequency	:	5 MHz
Insertion loss	:	<2 dB
1 dB band width	:	>1 MHz
Return loss over the pass band	:	>12 dB
Stop band attenuation @3 MHz	:	>45 dB
Stop band attenuation @8 MHz	:	>65 dB
Group delay over the pass band	:	<2 $\mu$ s
Operating temperature range	:	-20°C to +70°C
Storage temperature	:	-30°C to +85°C
Size	:	38.1x12.7x11.0 mm (approx)
Package	:	SMD

### 2. Mechanical Dimensions (Optional)



AE/PDS/047

Revision:00  
Date of issue: 07/14  
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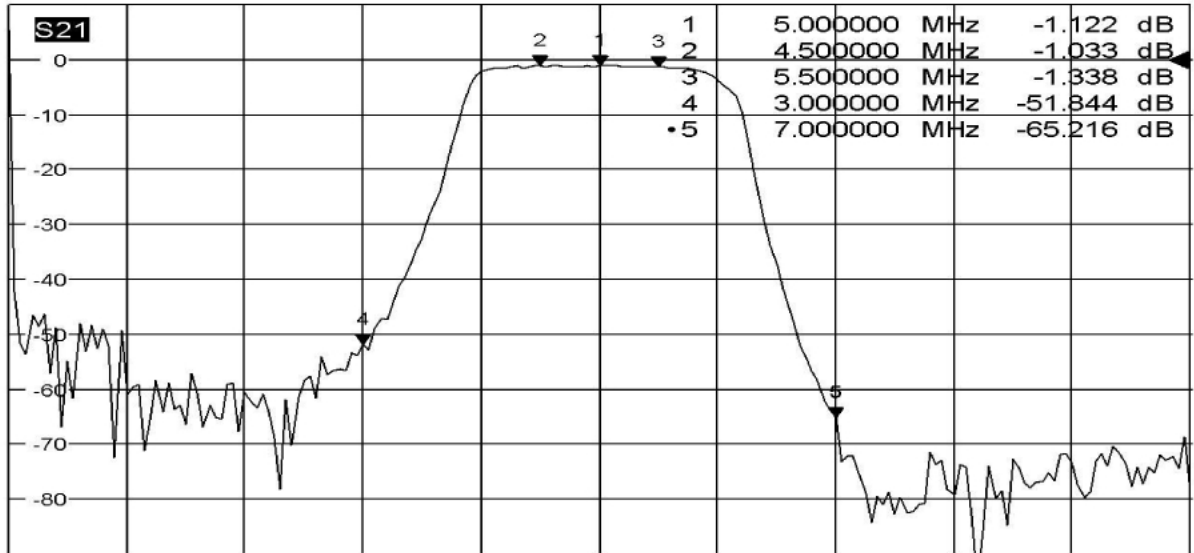
# Preliminary Data Sheet

## Response Plot :



Trc1 **S21** dB Mag 10 dB / Ref 0 dB Ca?

1



Ch1 Center 5 MHz

Pwr -10 dBm

Span 9.99998 MHz

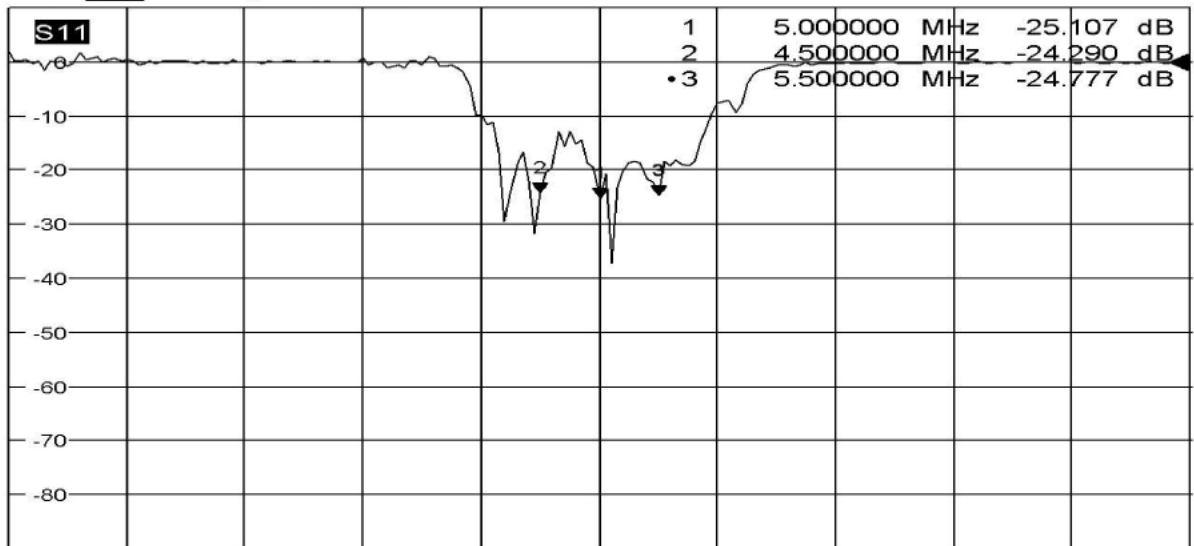
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## Return Loss :



Trc1 **S11** dB Mag 10 dB / Ref 0 dB Ca?

1



Ch1 Center 5 MHz

Pwr -10 dBm

Span 9.99998 MHz

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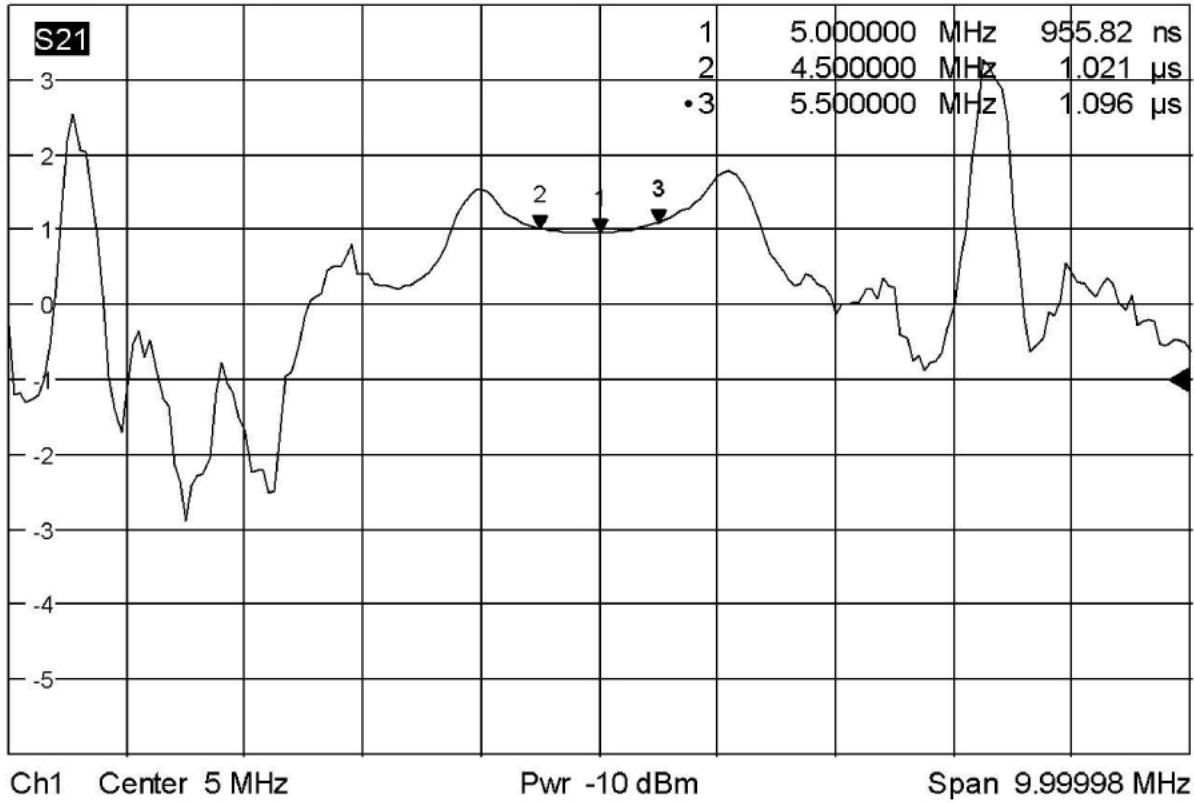


# Preliminary Data Sheet

Group Delay :



Trc1 **S21** Delay 1  $\mu$ s/ Ref-1  $\mu$ s Ca? 1



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