

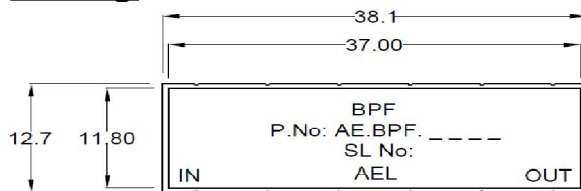


## BAND PASS FILTER

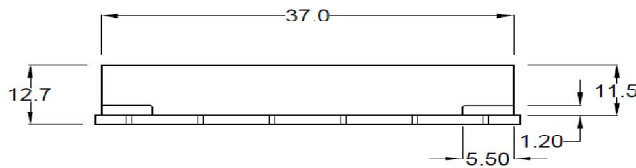
**PART NO: AE.BPF.16/40**

Centre frequency	:	16 MHz
Insertion loss	:	<3 dB
1 dB band width	:	$>f_c \pm 2$ MHz
Ripple in pass band	:	<1.0 dB (peak to peak)
Return loss over the pass band	:	>10 dB
Stop band attenuation @12.6 MHz	:	25 dB
Stop band attenuation @19.8 MHz	:	40 dB
Group Delay	:	420 ns
Operating temperature range	:	-20°C to +70°C
Storage temperature	:	-30°C to +85°C
Maximum Power level	:	+10 dBm
Size	:	38.1x12.7x12.7 mm
Package	:	SMD

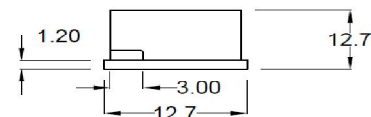
**Drawing:**



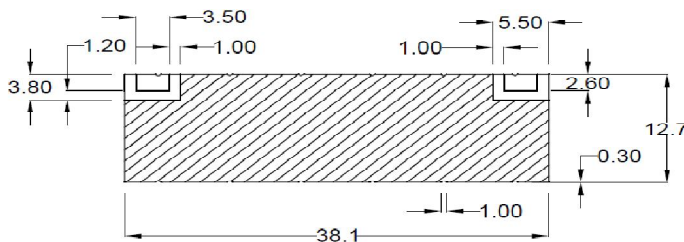
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

**Andhra Electronics Pvt. Ltd.**

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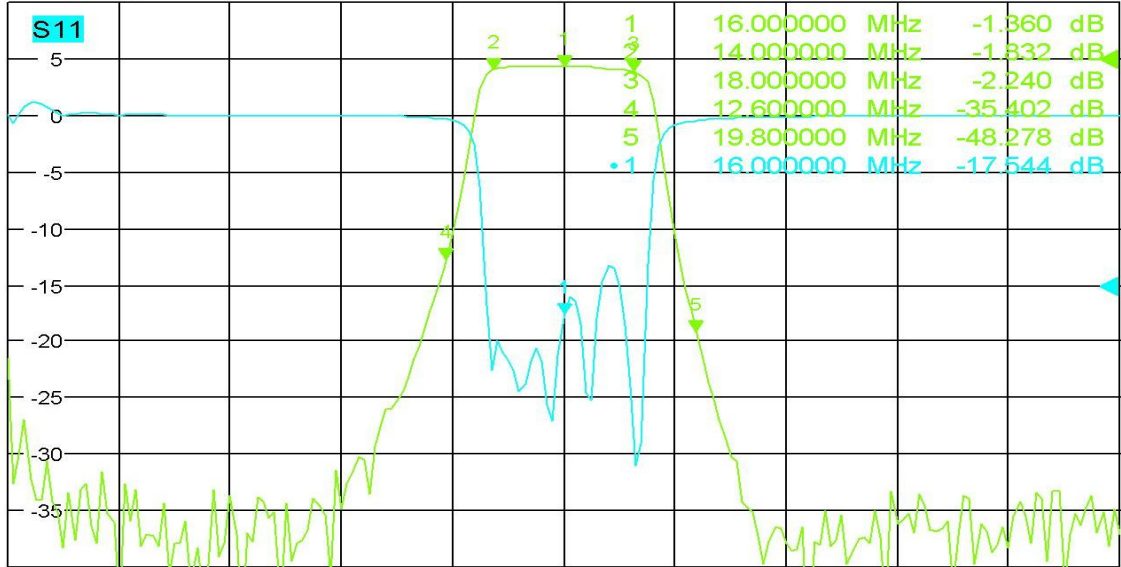
# BAND PASS FILTER

## Response plot:



Trc1 S21 dB Mag 10 dB / Ref 0 dB Cal int  
 Trc2 S11 dB Mag 5 dB / Ref -15 dB Cal int

1



Ch1 Center 16 MHz Pwr -10 dBm Span 31.99 MHz

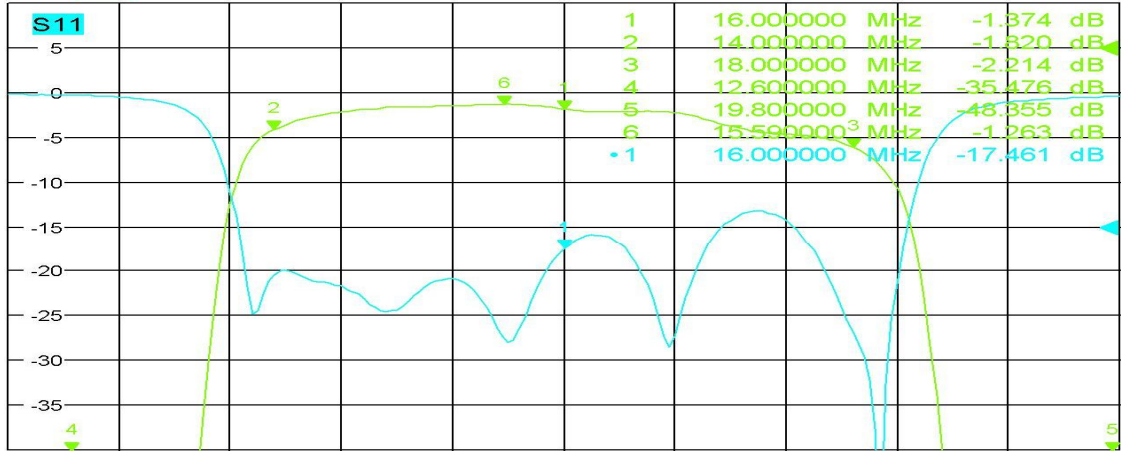
700

Date: 15.OCT.2012 07:23:58



Trc1 S21 dB Mag 1 dB / Ref 0 dB Cal int  
 Trc2 S11 dB Mag 5 dB / Ref -15 dB Cal int

1



Ch1 Center 16 MHz Pwr -10 dBm Span 7.69 MHz

700

Date: 15.OCT.2012 07:25:11

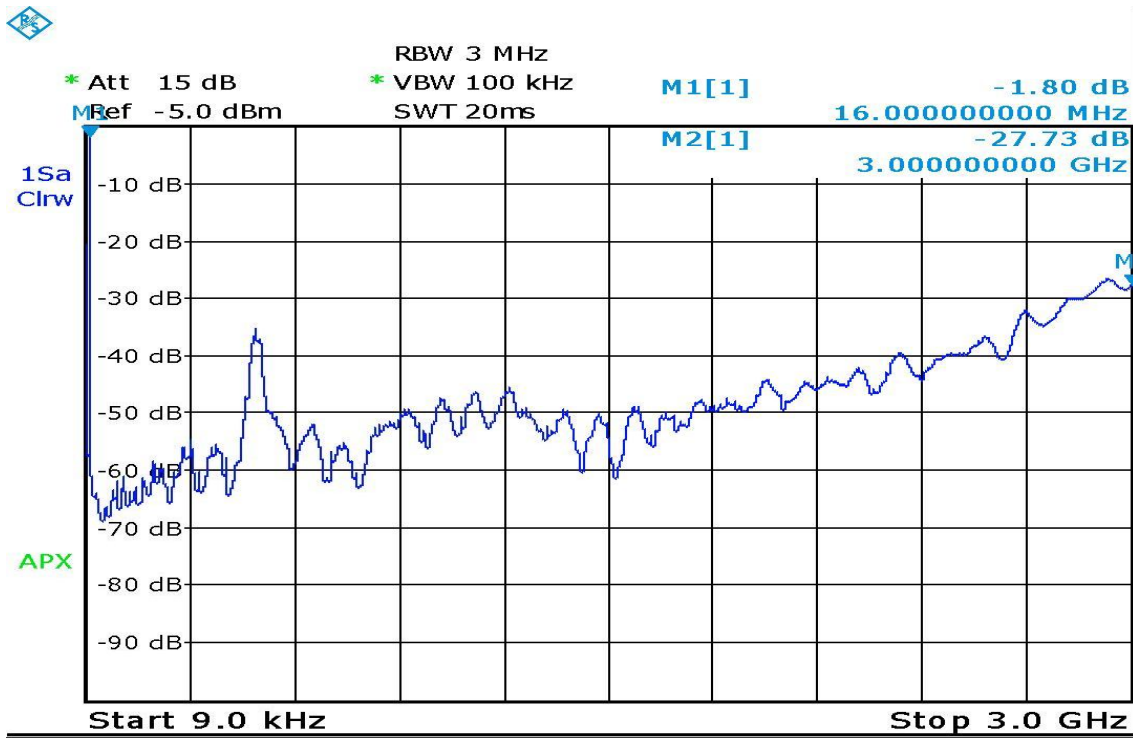
## Andhra Electronics Pvt. Ltd.

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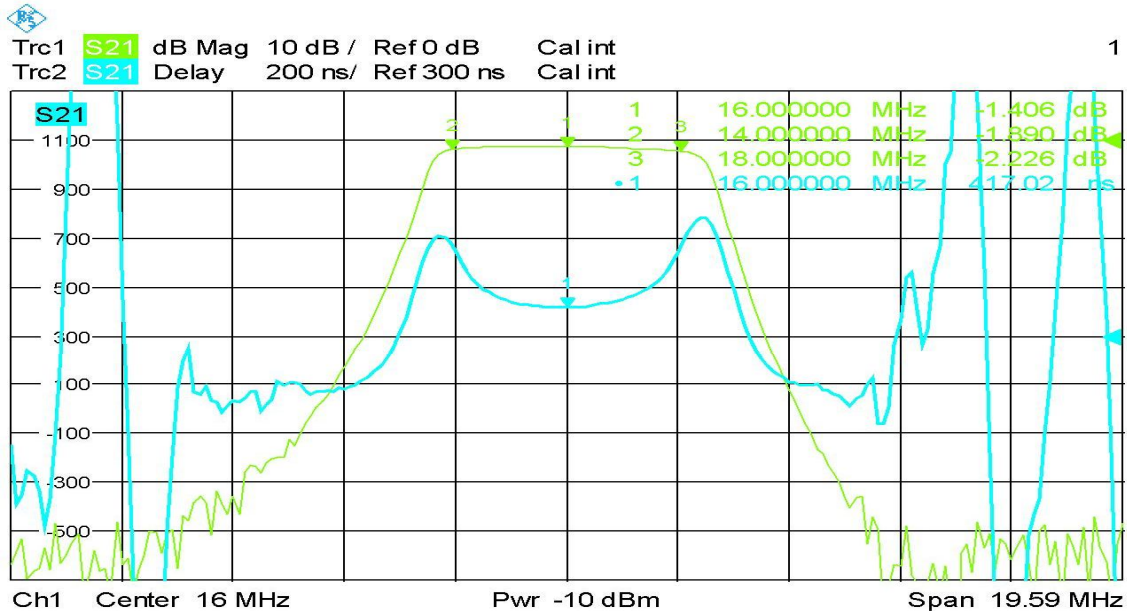


# BAND PASS FILTER



Date: 27.NOV.2012 10:35:31

## Group Delay:



700

Date: 27.NOV.2012 05:03:04

## Andhra Electronics Pvt. Ltd.

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