

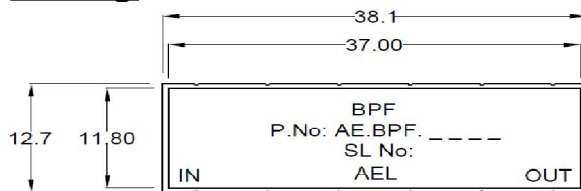


BAND PASS FILTER

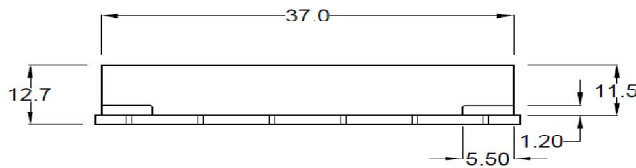
PART NO: AE.BPF.5/20

Centre frequency	:	5 MHz
Insertion loss	:	<3 dB
1 dB band width	:	$>f_c \pm 1$ MHz
Ripple in pass band	:	<1.0 dB (peak to peak)
Return loss over the pass band	:	>10 dB
Stop band attenuation @3.6 MHz	:	25 dB
Stop band attenuation @6.6 MHz	:	40 dB
Group Delay	:	950 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

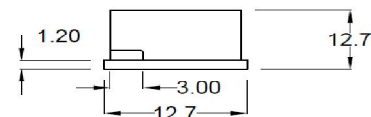
Drawing:



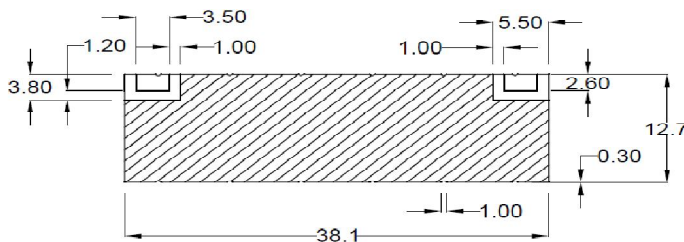
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

Andhra Electronics Pvt. Ltd.

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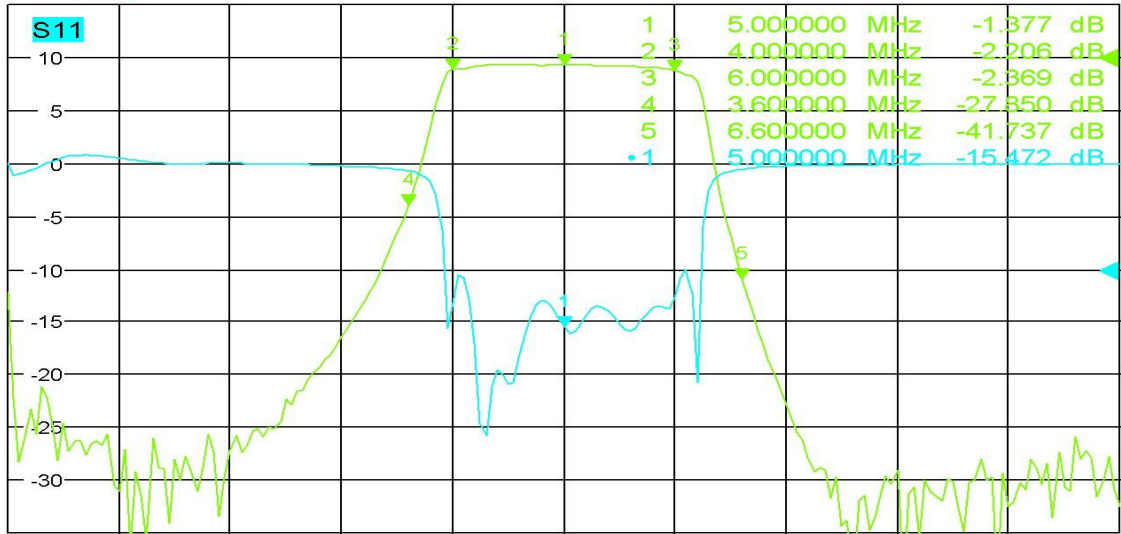
BAND PASS FILTER

Response plot:



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

1



Ch1 Center 5 MHz Pwr -10 dBm Span 9.99 MHz

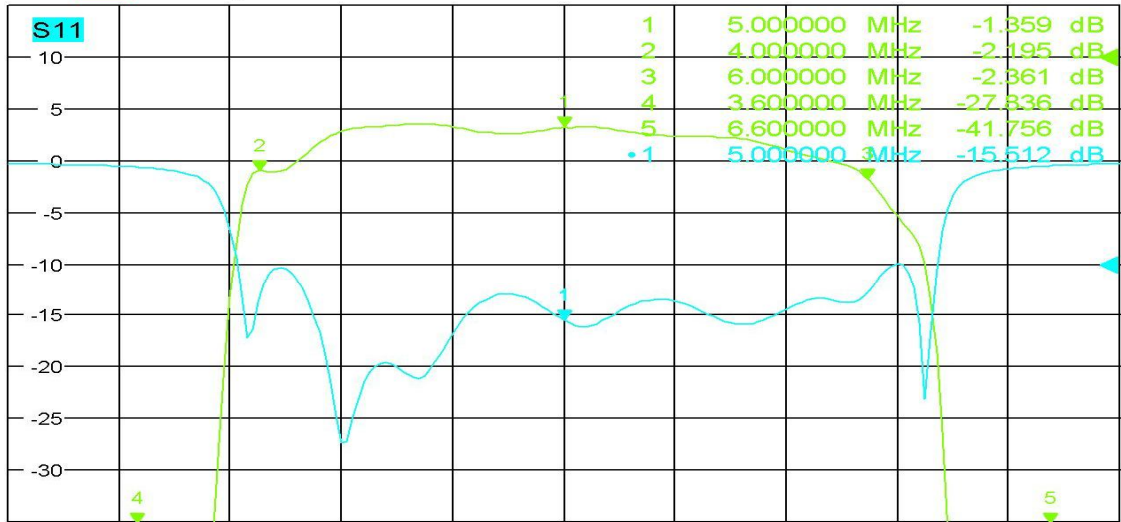
700

Date: 10.OCT.2012 12:22:24



Trc1 S21 dB Mag 1 dB / Ref 0 dB Cal int
 Trc2 S11 dB Mag 5 dB / Ref -10 dB Cal int

1



Ch1 Center 5 MHz Pwr -10 dBm Span 3.65 MHz

700

Date: 10.OCT.2012 12:23:10

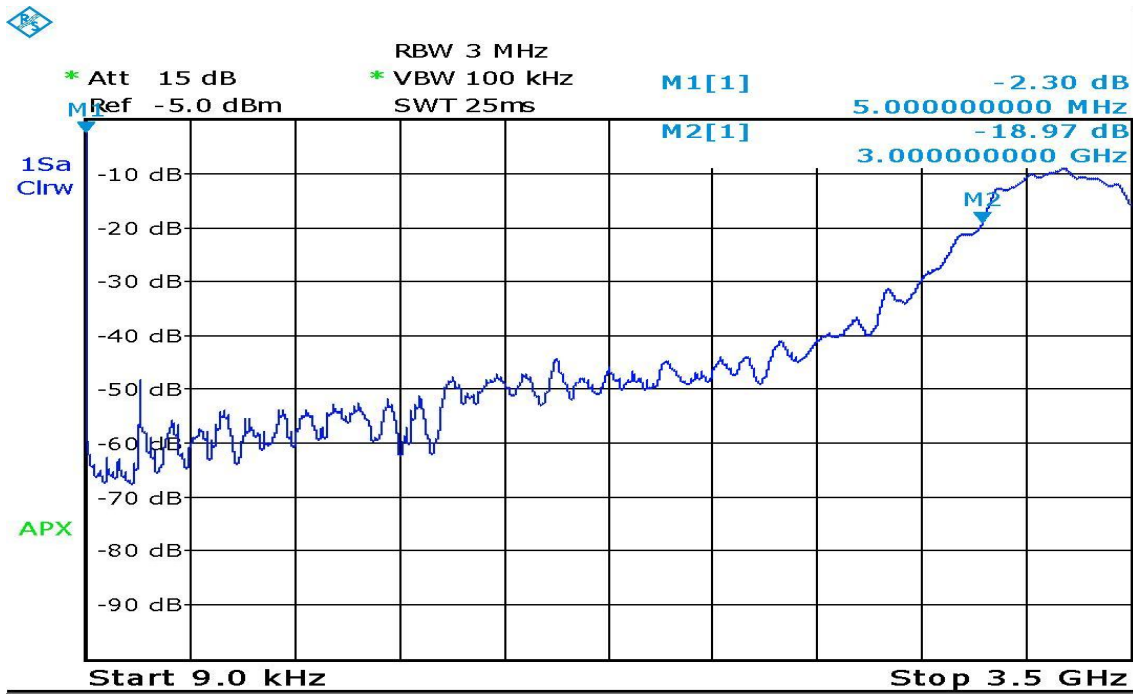
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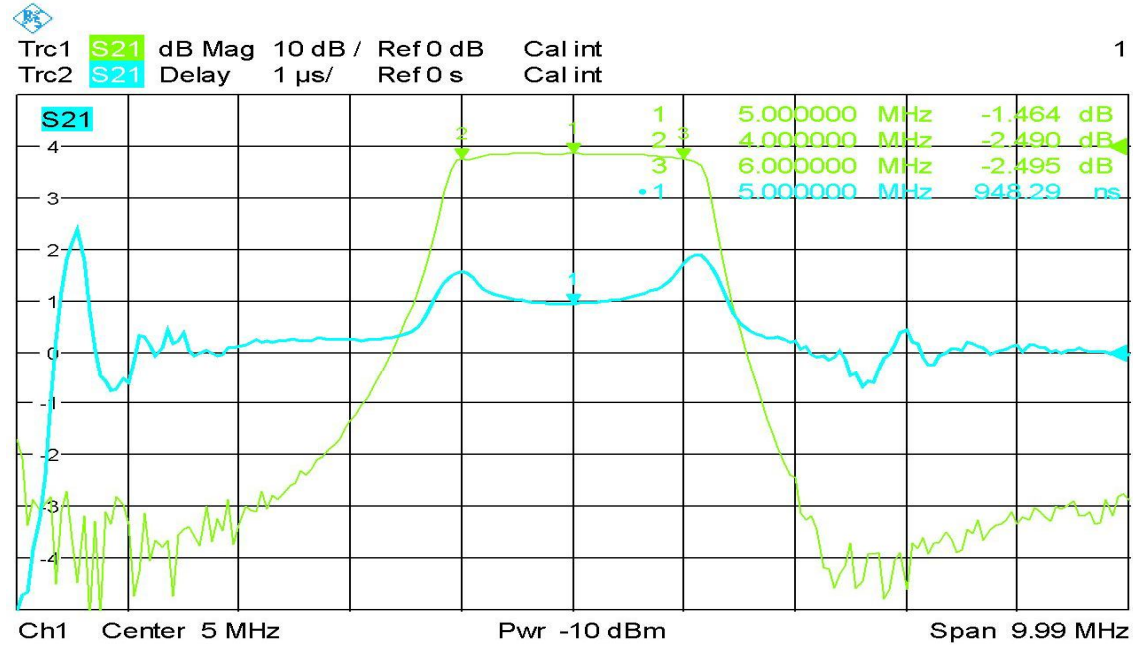


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Date: 27.NOV.2012 10:29:35

Group Delay:



700

Date: 27.NOV.2012 04:57:01

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