



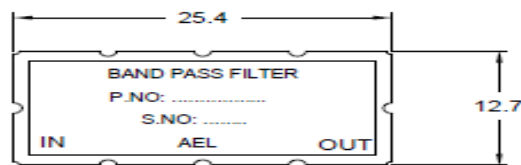
BAND PASS FILTER

Product: 75 MHz LC

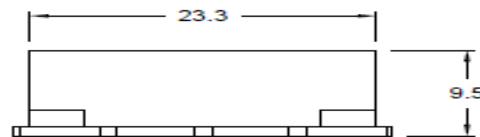
Part. No: AE/LC/BPFA93DIB75/6M

1.Electrical Specifications:

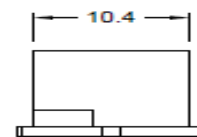
Centre frequency (Fc)	:	75±0.25 MHz
3 dB Band width	:	6 MHz (min)
Insertion loss @ Fc	:	< 3.0 dB
Rejection@ Fc±15 MHz	:	> 40 dB
Return loss @ Fc	:	14 dB min
Pass Band Ripple	:	< ±0.25 dB
Operating temperature range	:	-40°C to +85°C
Power handling	:	1 Watt
Package	:	SMD
Dimensions	:	25.4x12.7x9.5 mm (approx)



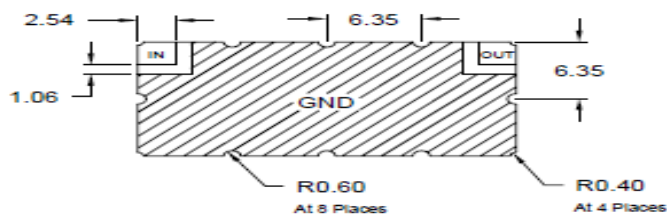
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

****NOTE: Preferable for Hand soldering.**

Andhra Electronics Pvt. Ltd.

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Kakinada-533 005
Andhra Pradesh, India
URL: www.andhraelec.com

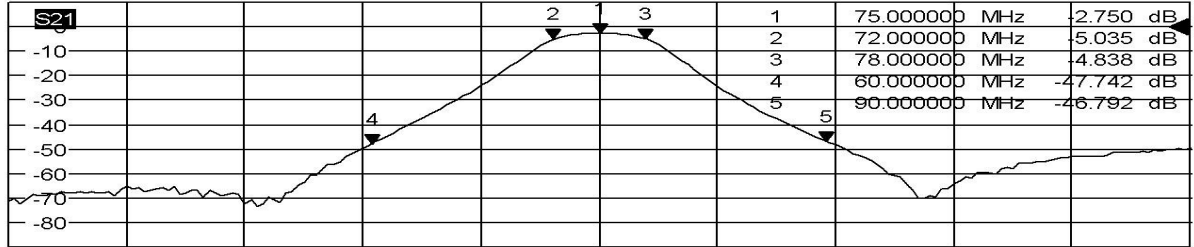
Phone: +91 884 234 2203
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e-mail: info@andhraelec.com



RESPONSEPLOT

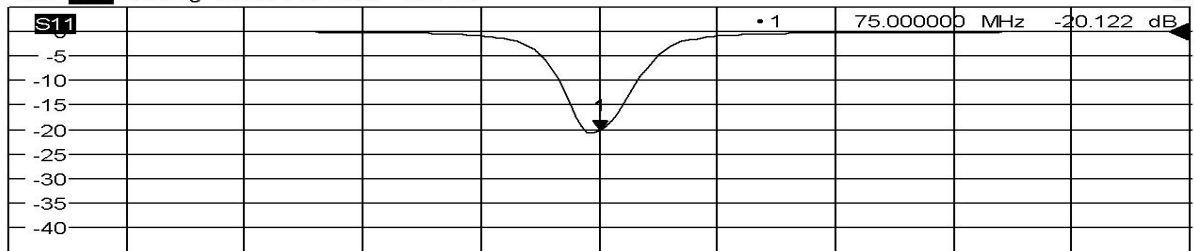


Trc1 S21 dB Mag 10 dB/ Ref 0 dB Cal int



Ch1 Center 75 MHz Pwr -10 dBm Span 77.99 MHz

Trc2 S11 dB Mag 5 dB/ Ref 0 dB Cal int



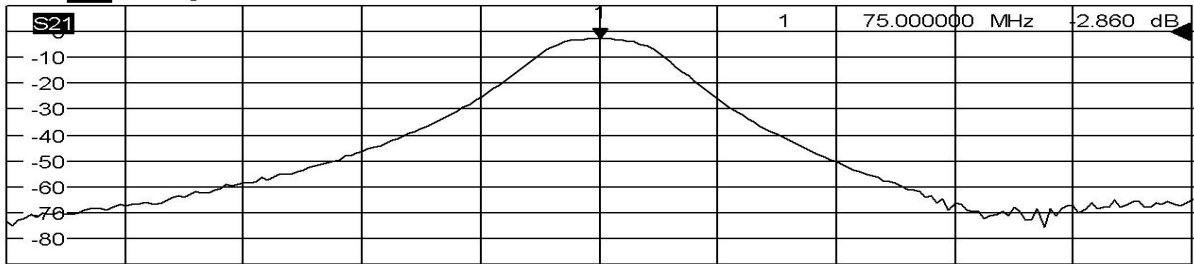
Ch1 Center 75 MHz Pwr -10 dBm Span 77.99 MHz

Date: 29.APR.2016 11:11:55

PHASE:

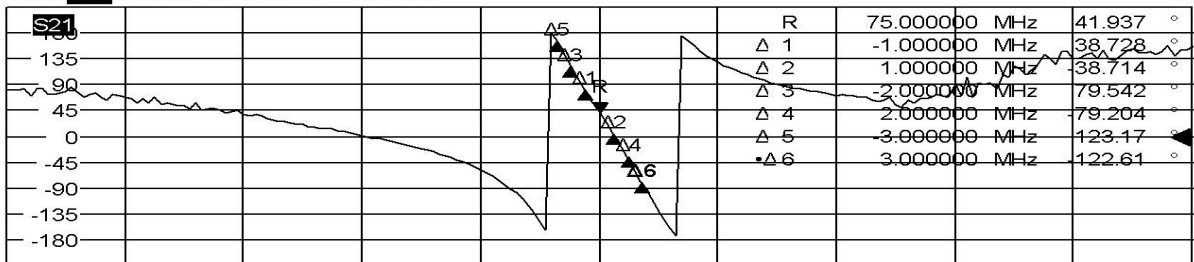


Trc1 S21 dB Mag 10 dB/ Ref 0 dB Cal int



Ch1 Center 75 MHz Pwr -10 dBm Span 83.49 MHz

Trc2 S21 Phase 45° / Ref 0° Cal int



Ch1 Center 75 MHz Pwr -10 dBm Span 83.49 MHz

Date: 3.MAY.2016 09:40:40

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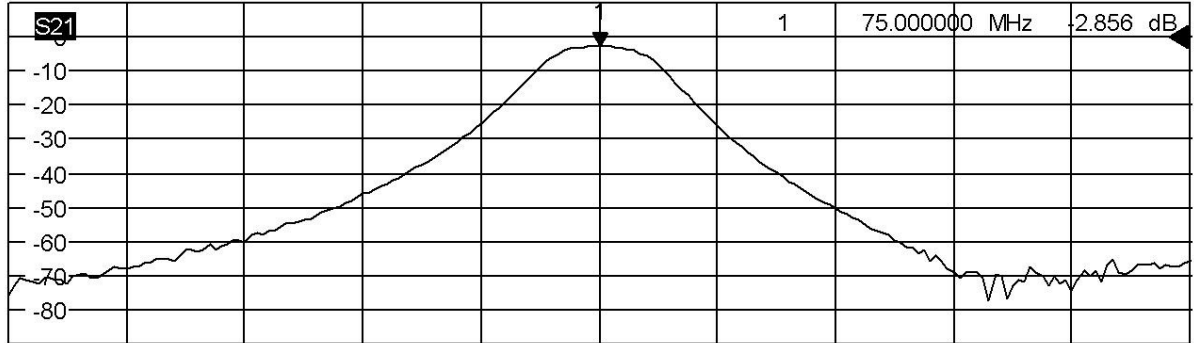


GROUP DELAY:



Trc1 S21 dB Mag 10 dB/ Ref 0 dB Cal int

1



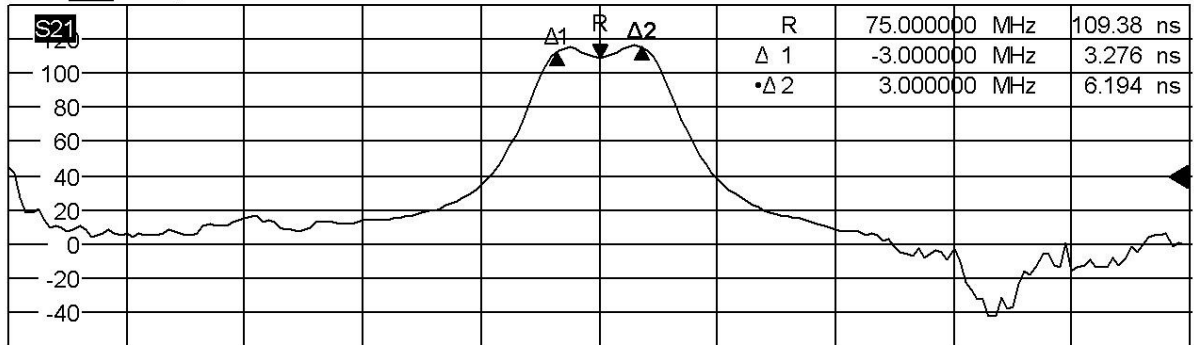
Ch1 Center 75 MHz

Pwr -10 dBm

Span 83.49 MHz

Trc2 S21 Delay 20 ns/ Ref 40 ns Cal int

2



Ch1 Center 75 MHz

Pwr -10 dBm

Span 83.49 MHz

Date: 3.MAY.2016 09:41:19

AE/PDS/311

Revision:00

Date of issue:APR/16

Andhra Electronics Pvt. Ltd.

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