



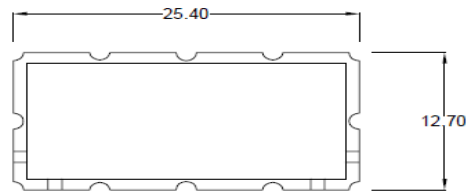
HIGH PASS FILTER

Product: 420 MHz LC HIGH PASS FILTER

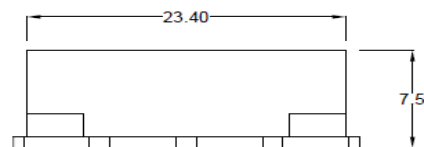
Part. No: AE/LC/HPFC12EGC420M

1.Electrical Specifications:

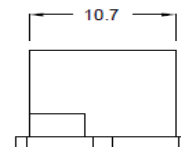
| | | |
|------------------------------|---|---------------------------|
| Cutoff frequency (FC) | : | 420 MHz |
| Band width | : | 420 to 1000 MHz |
| Insertion loss in Band width | : | 2.0 dB max |
| Return loss in Band width | : | 15 dB min |
| Rejection @ 380 MHz | : | > 20 dB |
| @ DC – 300MHz | : | > 40 dB |
| Operating temperature range | : | -30°C to +65°C |
| Input Power | : | 1 Watt |
| I/P & O/P Impedance | : | 50 |
| Package | : | SMD |
| Dimensions | : | 25.4X12.7X7.5 mm (approx) |
| Max Reflow Temp | : | 230 for 10 sec |



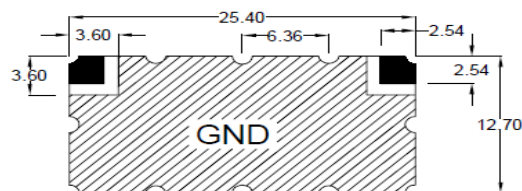
TOP VIEW



FRONT VIEW



SIDE VIEW



■ IN /OUT

▨ GROUND

BOTTOM VIEW

Andhra Electronics Pvt. Ltd.

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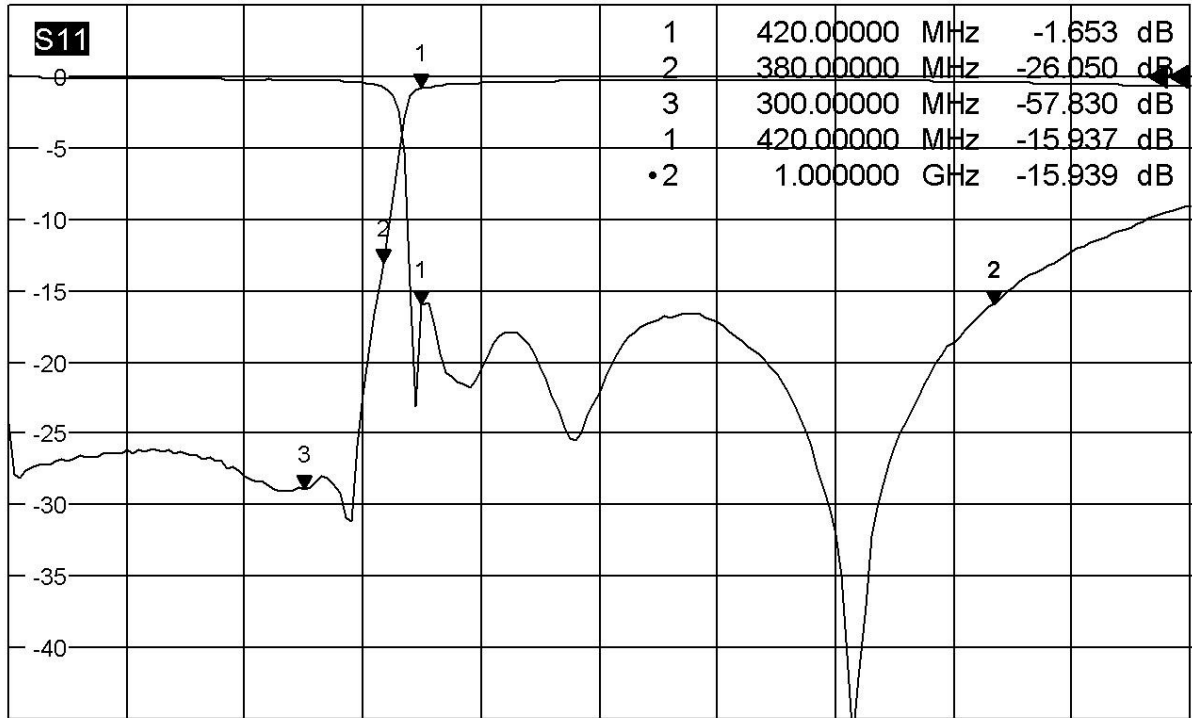


RESPONSE PLOT



Trc1 S21 dB Mag 10 dB / Ref0 dB Cal
Trc2 S11 dB Mag 5 dB / Ref0 dB Cal

1



Ch1 Start 5 kHz

Pwr -10 dBm

Stop 1.2 GHz

Date: 23.JUL.2016 10:22:23

AE/PDS/358

Revision:01
Date of issue:JULY/2016

Andhra Electronics Pvt. Ltd.

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