

Description: 1608 2.4-2.5GHz Band Pass Filter

PART NUMBER: BPF1608LM11R2400A

Features:

- Compact size : 1.56x0.80x0.60mm
- RoHS compliant

Applications:

- WLAN, 802.11a/b/g/n
- Bluetooth
- ISM Band

ELECTRICAL SPECIFICATIONS

DESCRIPTION	Value
Pass Band	2400~2500 MHz
Insertion Loss	1.8 dB (Max.)
V.S.W.R / Return Loss	2.0(Max) / 10 dB (Min.)
Attenuation	20 dB (Min.) @1710-1990 MHz 6.5 dB (Min.) @2110-2170 MHz 25 dB (Min.) @4800-5000 MHz 20 dB (Min.) @7200-7500 MHz
Operating Temperature	-40 ~ +85°C

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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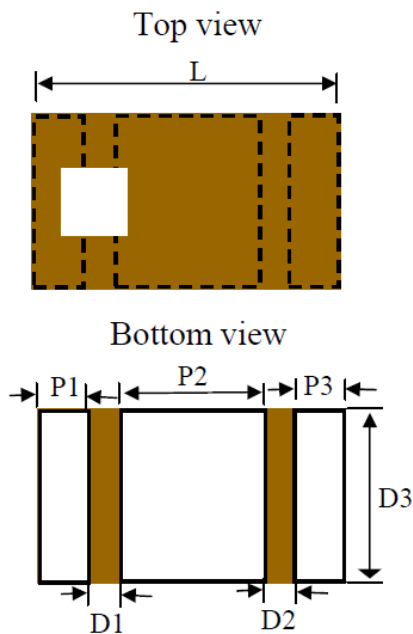
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MECHANICAL DIMENSION

Outline

Termination

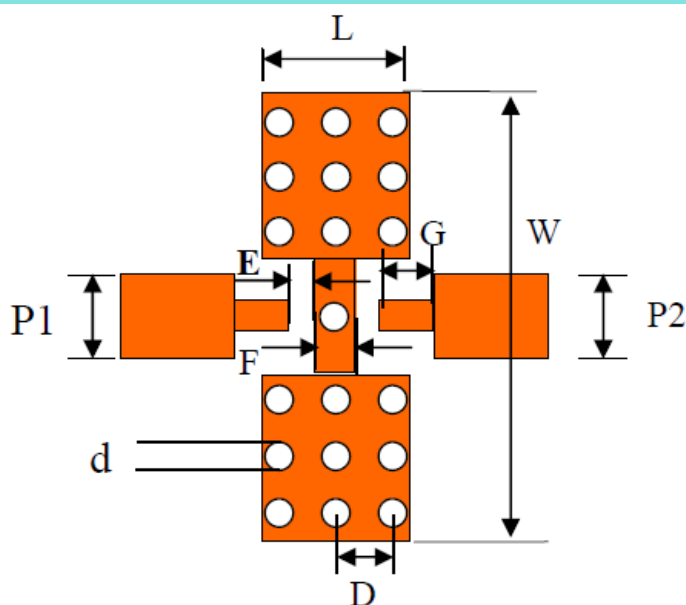
Mechanical



Terminal name	function
P1	Input
P2	GND
P3	Output

	Dimension
L (mm)	1.56 ±0.15
W (mm)	0.80 ±0.10
T (mm)	0.60 ±0.05
P1 (mm)	0.26 ±0.10
P2 (mm)	0.70 ±0.10
P3 (mm)	0.26 ±0.10
D1 (mm)	0.17 ±0.05
D2 (mm)	0.17 ±0.05
D3 (mm)	0.80 ±0.05

Reference design of EVB



Type	dimension	REMARK
L	1.70±0.1mm	Ground Pad
W	6.00±0.1mm	---
P1	0.76±0.1mm	Feed Pad
P2	0.76±0.1mm	Feed Pad
D	0.50±0.1mm	---
E	0.32±0.1mm	---
F	0.52±0.1mm	---
G	0.42±0.1mm	---
O	d=0.3mm	Via hole

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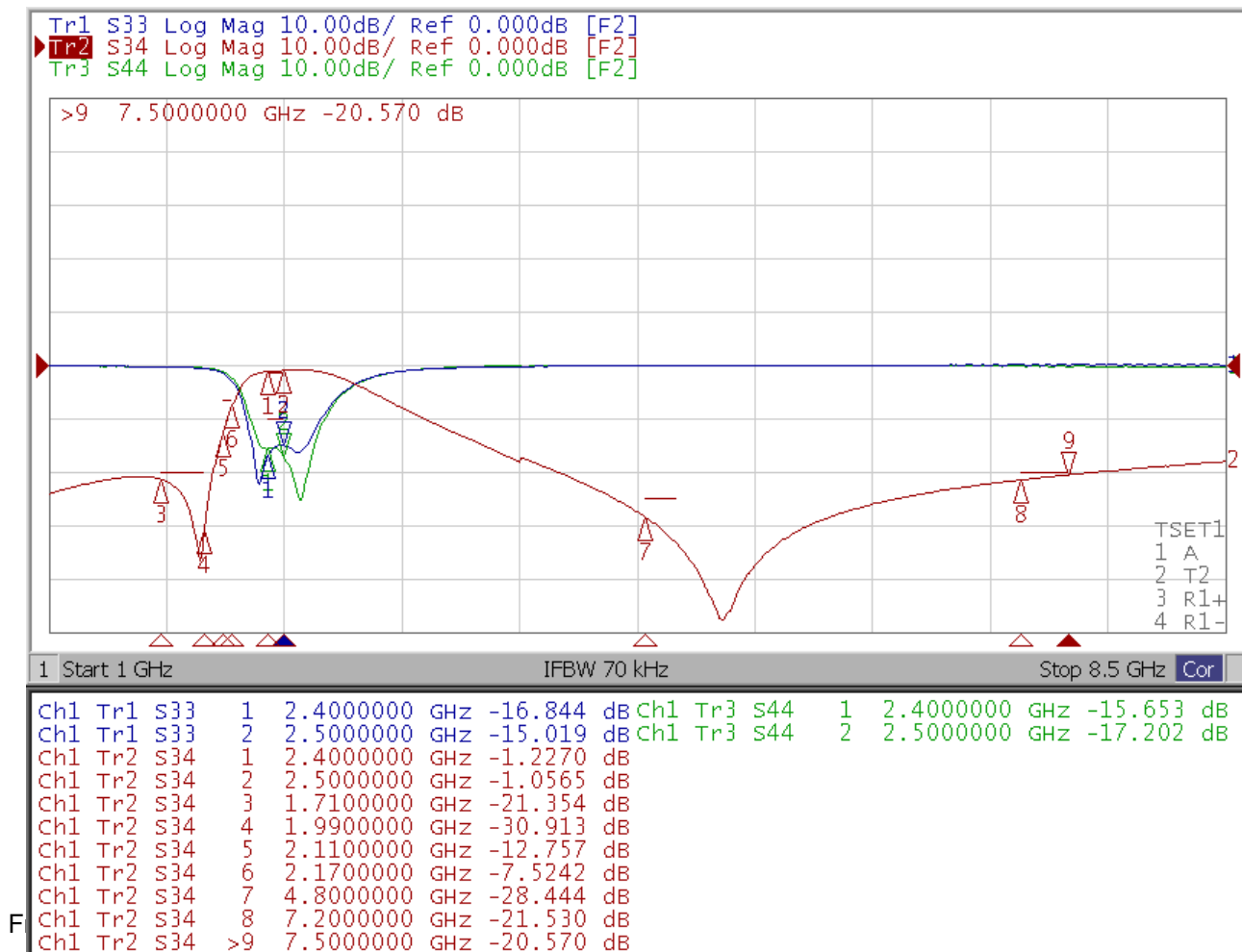
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ELECTRICAL PERFORMANCES



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REVISION HISTORY

Revision	Date	Description
Version 1	Nov. 18, 2020	- New issue