



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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DATA SHEET

WIRELESS COMPONENTS

Band Pass Filter
BPF2012LL01R5000A

5GHz
2012 Series



FEATURES

- Compact size design
- RoHS compliant

APPLICATIONS

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

ORDERING INFORMATION

All part numbers are identified by the series, packing type, material, size, antenna type, working frequency and packing quantity.

PART NUMBER

BPF 2012 LL 01 R 5000A
(1) (2) (3) (4) (5) (6)

(1) PRODUCT

BPF = Band Pass Filter

(2) SIZE

2012 = 2.0 × 1.2

(3) MATERIALS

Material Code LL

(4) TYPE

01 = Type 01

(5) PACKING STYLE

R = Tape and Reel

(6) WORKING FREQUENCY

5000 = 5 GHz

PHYCOMP CTC

CFL4111714015004K

I2NC

411171401500

SPECIFICATION

Table 1

DESCRIPTION	VALUE
Pass Band	4900 ~ 5950 MHz
Impedance	50 Ω
Insertion Loss	1.5 dB (Max.) at 25°C 1.8 dB (Max.) at -40~85°C
VSWR	2.0 (Max)
Ripple	0.6 dB(Max)
Attenuation	30dB Min@ 1280~3000 MHz 25dB Min@ 3300~4000 MHz 25dB Min@ 9800~11900 MHz

DIMENSIONS

Table 2 Machinal Dimension

	DIMENSION
L (mm)	2.00 \pm 0.15
W (mm)	1.25 \pm 0.15
T (mm)	1.00 \pm 0.15
P (mm)	0.30 \pm 0.20
C (mm)	0.20 \pm 0.15
G (mm)	1.60 \pm 0.15
E (mm)	0.20 \pm 0.15
F (mm)	0.25 \pm 0.15

OUTLINES

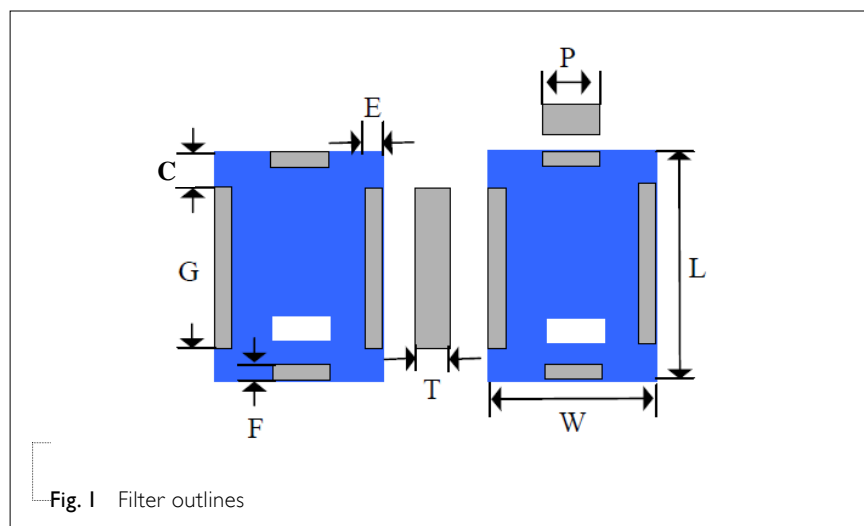
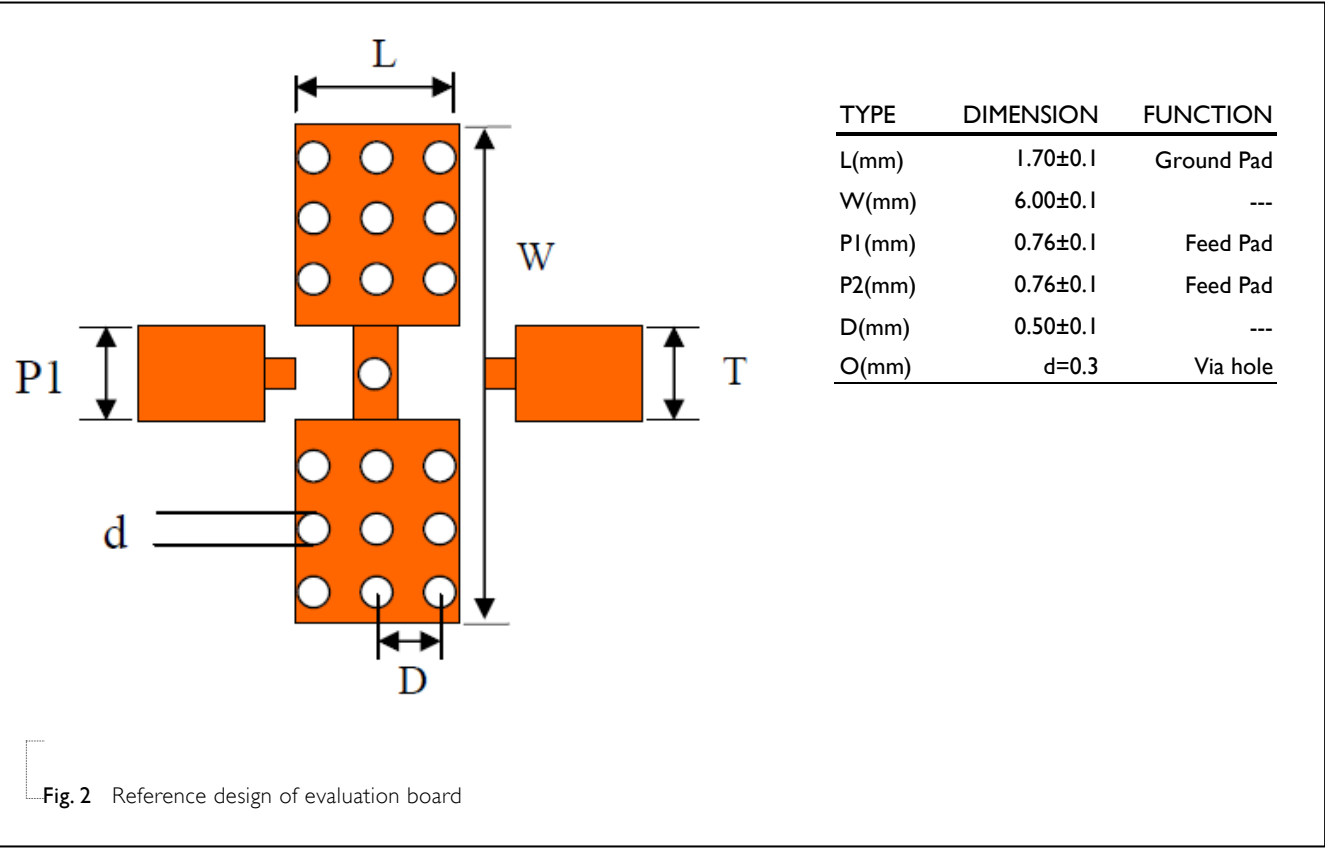


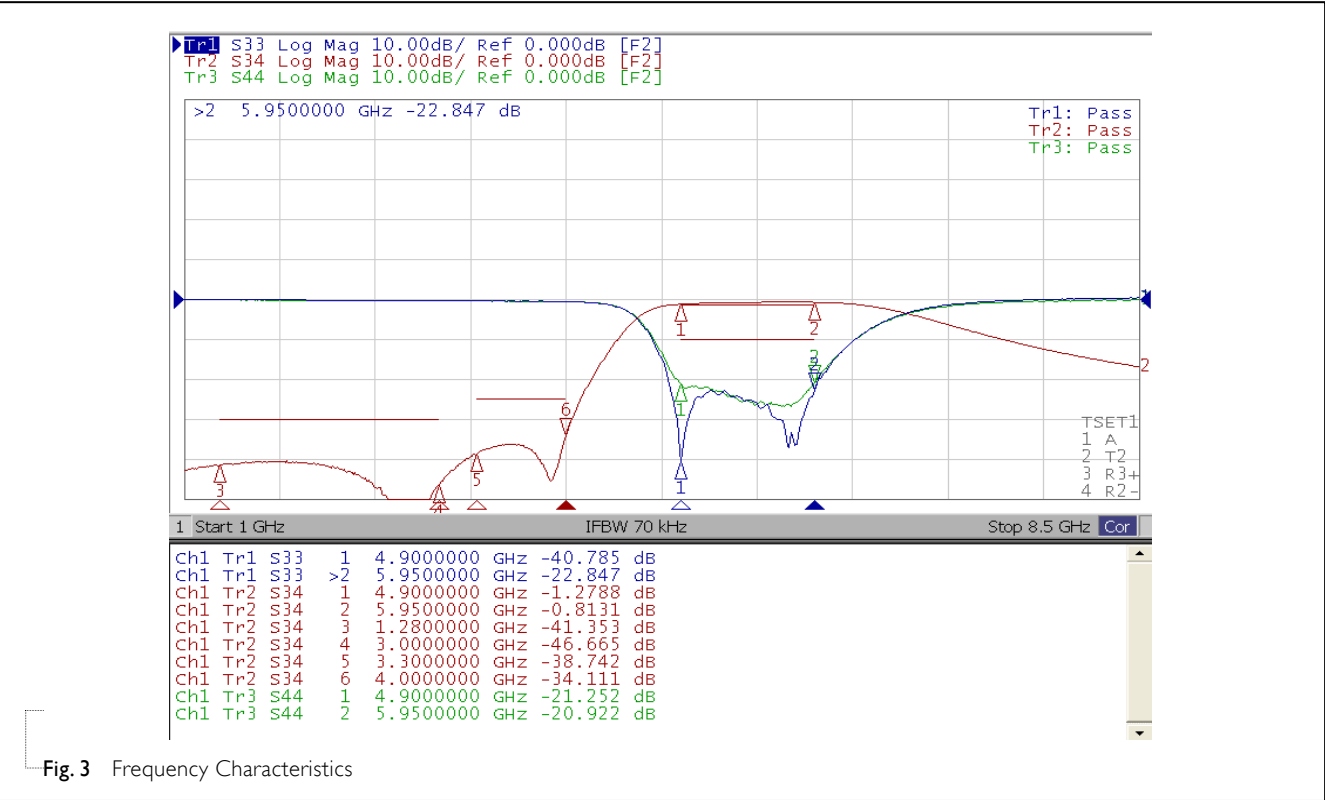
Fig. 1 Filter outlines

Table 3 Termination configuration

TERMINAL NAME	FUNCTION
P	I/O Terminal
G	Ground Terminal



ELECTRICAL PERFORMANCES



REVISION HISTORY

REVISION	DATE	CHANGE NOTIFICATION	DESCRIPTION
Version 0	Jan. 30, 2013	-	- New data sheet for Band Pass Filter, 5 GHz application, 2012 series