



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DATA SHEET

WIRELESS COMPONENTS

Band Pass Filter

BPF1608LM02R2400A

2.4-2.5 GHz

1608 Series



FEATURES

- Compact size design
- RoHS compliant

APPLICATIONS

- WLAN, 802.11a/b/g/n
- Bluetooth
- 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 1608 LM 02 R 2400A
(1) (2) (3) (4) (5) (6)

(1) PRODUCT

BPF = Band Pass Filter

(2) SIZE

1608 = 1.6 × 0.8

(3) MATERIALS

Material Code LM

(4) TYPE

02 = Type 02

(5) PACKING STYLE

R = Tape and Reel

(6) WORKING FREQUENCY

2400 = 2.4GHz

PHYCOMP CTC

CFL4111515022454K

I2NC

411151502245

SPECIFICATION

Table I

DESCRIPTION	VALUE
Pass Band	2400-2500 MHz
Impedance	50 Ohm
Insertion Loss	1.7 dB (Max) at 25°C 2.0 dB (Max) at -40~85 °C
VSWR	2.0 (Max)
Ripple	0.50dB
Attenuation	30dB Min@ 880~915 MHz 25dB Min@ 1710~1785 MHz 25dB Min@ 1850~1910 MHz 25dB Min@ 4800~5000 MHz 25dB Min@ 7200~7500 MHz
Operating Temperature	-40 ~ +85 °C

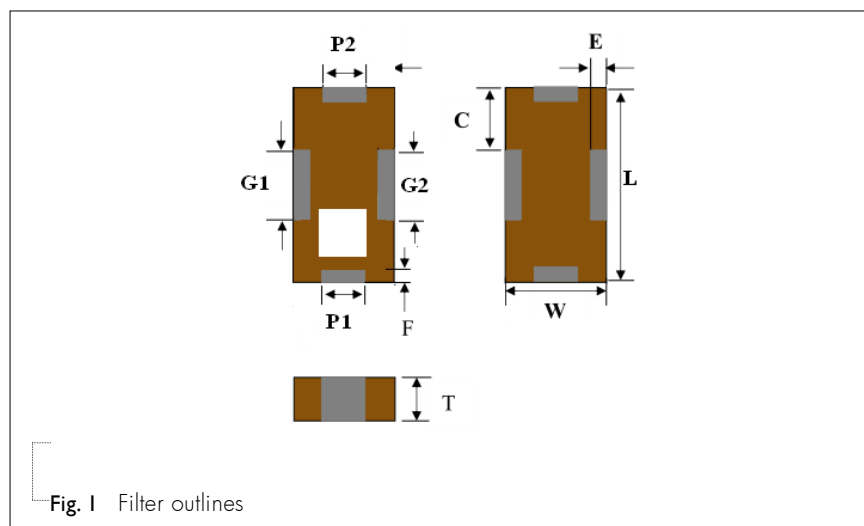
DIMENSIONS

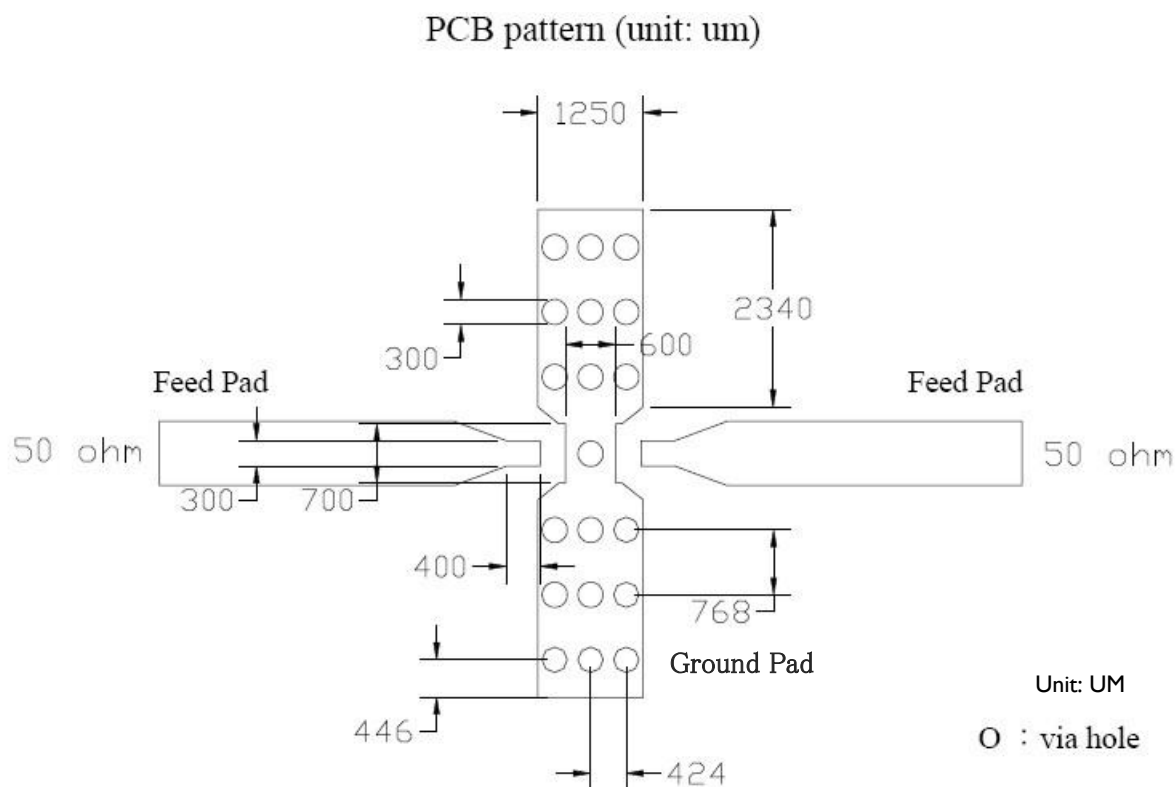
Table 2 Machinical Dimension

	DIMENSION
L (mm)	1.60 ±0.15
W (mm)	0.80 ±0.15
T (mm)	0.60 ±0.15
P (mm)	0.40 ±0.15
C (mm)	0.55 ±0.15
G (mm)	0.60 ±0.15
E (mm)	0.15 ±0.10
F (mm)	0.15 ±0.10

Table 3 Termination configuration

TERMINAL NAME	FUNCTION
P1	Input
P2	Output
G1	Ground
G2	Ground

OUTLINES



REVISION HISTORY

REVISION	DATE	CHANGE NOTIFICATION	DESCRIPTION
Version 2	Feb. 15, 2017		- Define I/O Termination.
Version 1	Jun. 08, 2015		- Update specification
Version 0	Jan. 30, 2013-		- New data sheet for Band Pass Filter, 2.45 GHz application, 1608 series