

# DATA SHEET

## WIRELESS COMPONENTS

Low Pass Filter  
LPF1608LL57RWHEXA

LTE  
1608 Series



FEATURES

- Compact size design
- RoHS compliant

APPLICATIONS

- WWAN Hexa-band
- LTE (0.6-2.7GHz)

ORDERING INFORMATION

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

**PART NUMBER**

**LPF 1608 LL 57 R WHEXA**  
 (1) (2) (3) (4) (5) (6)

---

**(1) PRODUCT**

LPF = Low Pass Filter

---

**(2) SIZE**

1608 = 1.6 × 0.8

---

**(3) MATERIALS**

Material Code LL

---

**(4) TYPE**

57 = Type 57

---

**(5) PACKING STYLE**

R = Tape and Reel

---

**(6) WORKING FREQUENCY**

WHEX = WWAN Hexa-band, LTE (0.6-2.7GHz) application

---

**PHYCOMP CTC**

CFL411171557HEX4K

---

**I2NC**

411171557HEX4

---

**SPECIFICATION**

Table 1

DESCRIPTION	VALUE
Pass Band	600 - 2690 MHz
Impedance	50Ω
Insertion Loss	0.5dB (Max) at 25°C
VSWR	2.0 (Max)
Attenuation	35dB Min@ 4950 ~ 6000MHz 30dB Min@ 6000 ~ 12500MHz
Operating Temperature	-40 ~ 85 °C

**DIMENSIONS**

Table 2 Mechanical Dimensions

	DIMENSION
L (mm)	1.60 ±0.15
W (mm)	0.80 ±0.15
T (mm)	0.60 ±0.15
P1 (mm)	0.22 ±0.10
P2 (mm)	0.40 ±0.10
P3 (mm)	0.22 ±0.10
P4 (mm)	0.40 ±0.10
D1 (mm)	0.65 ±0.10
D2 (mm)	0.30 ±0.10
D3 (mm)	0.22 ±0.10
D4 (mm)	0.22 ±0.10

**OUTLINES**

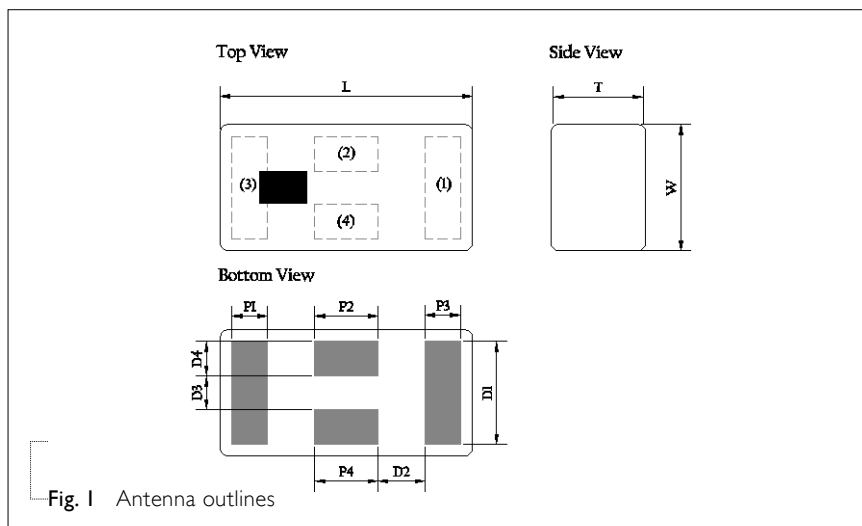
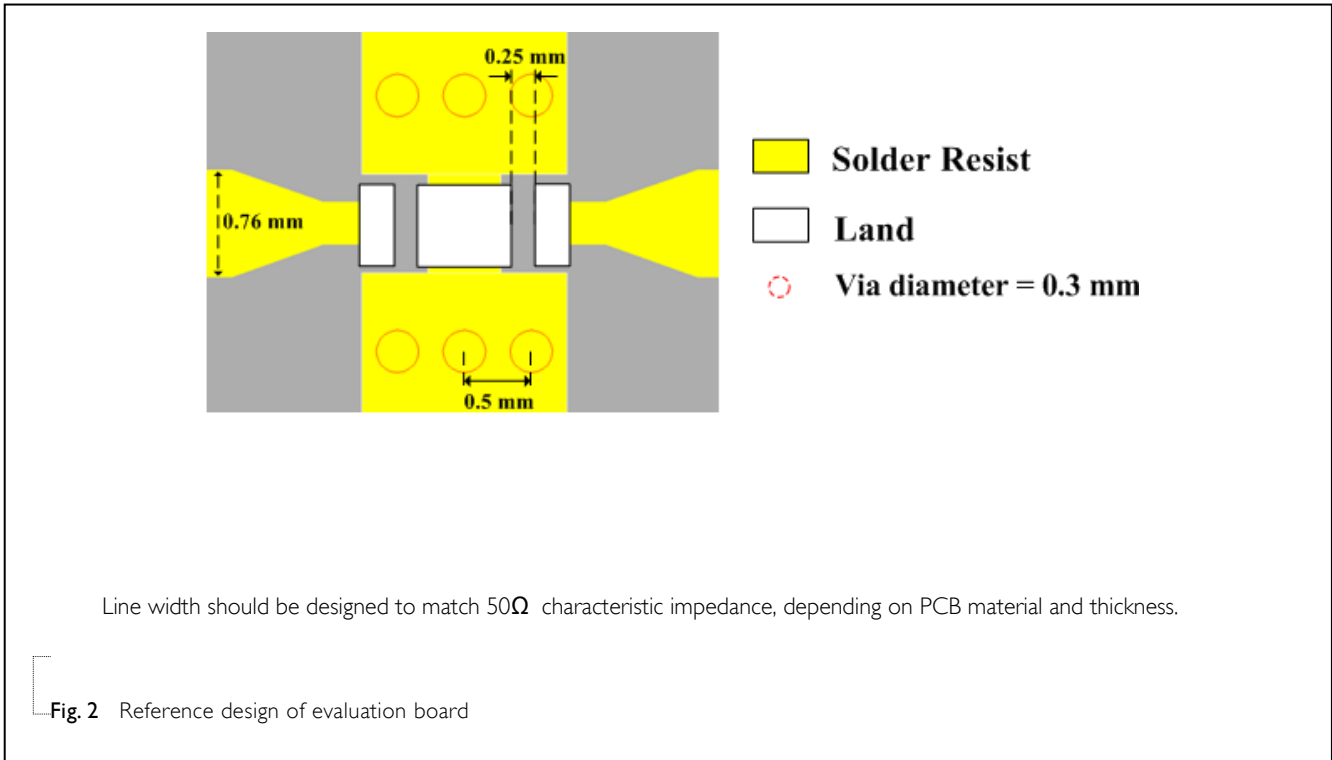
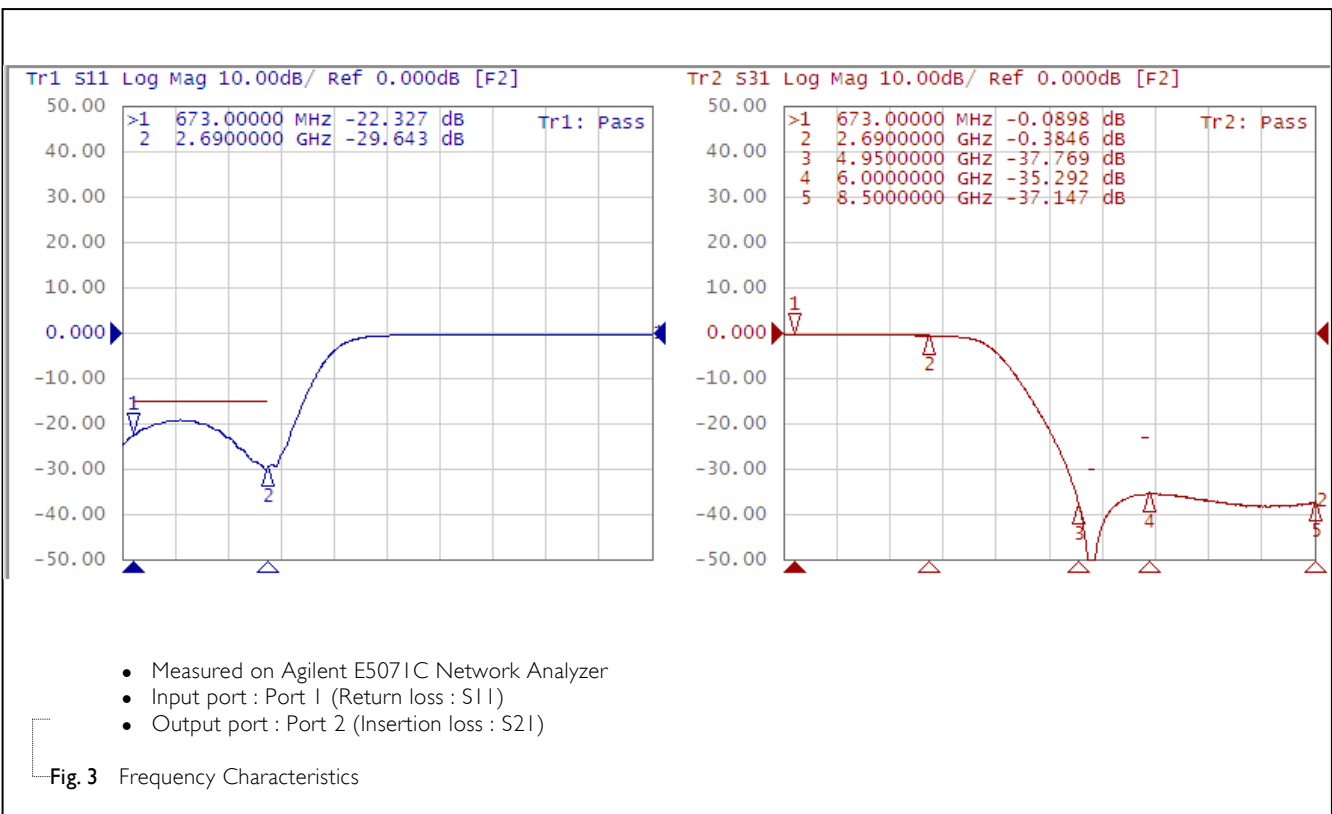


Table 3 Termination configuration

TERMINAL NAME	FUNCTION
P1	Input
P2	GND
P3	Output
P4	GND



**ELECTRICAL PERFORMANCES**



REVISION HISTORY

REVISION	DATE	CHANGE NOTIFICATION	DESCRIPTION
----------	------	---------------------	-------------

Version 0	Aug. 26, 2016	-	- New data sheet for Low Pass Filter, 0.6-2.7GHz application, I608 series
-----------	---------------	---	---