

CF1015

**3550 MHz
LTCC Filter**

**Package Dimensions
1.6 x 0.8 mm**

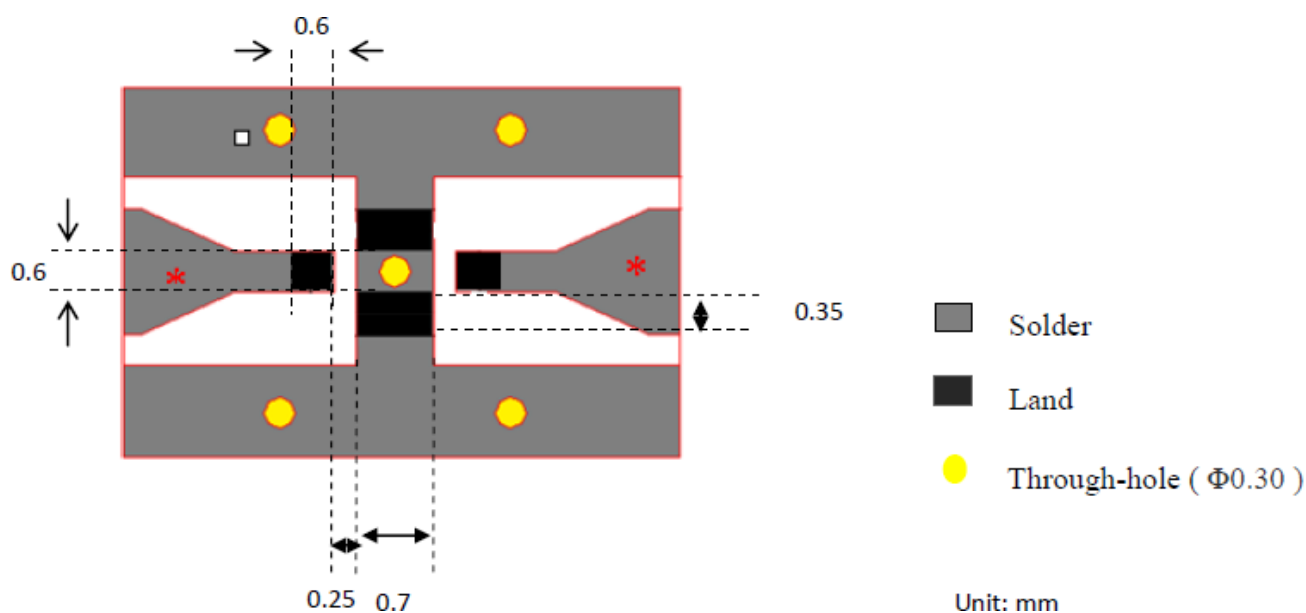
MAXIMUM RATING:

- Input Power Level: 27 dBm
- DC Voltage : 0 V
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C
- Moisture Sensitivity Level: Level (MSL1)

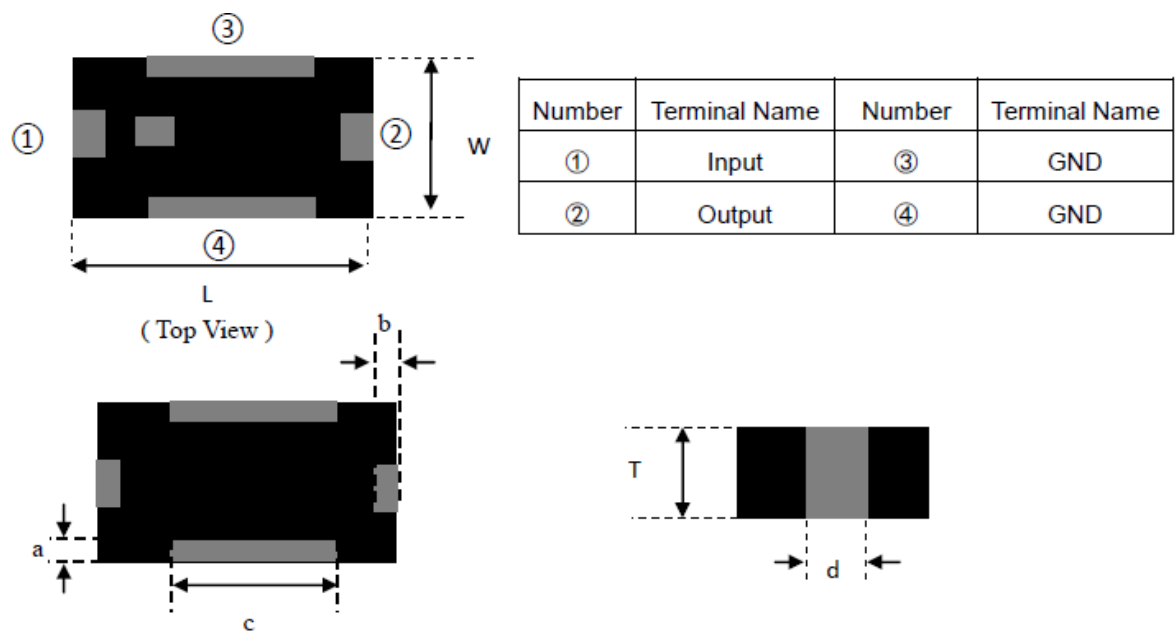
ELECTRICAL CHARACTERISTICS:

Item	Unit	Spec
Central Frequency Fc	MHz	3550
Band Width	MHz	500
Insertion loss (3300~3800 MHz) IL	dB	1.3 Max
V.S.W.R (3300~3800 MHz)	dB	2.0 Max
Attenuation (Reference level from 0 dB)		
2600 MHz	dB	20 Min
In/Output Impedance	ohm	50 Ω

RECOMMENDED PCB LAYOUT:

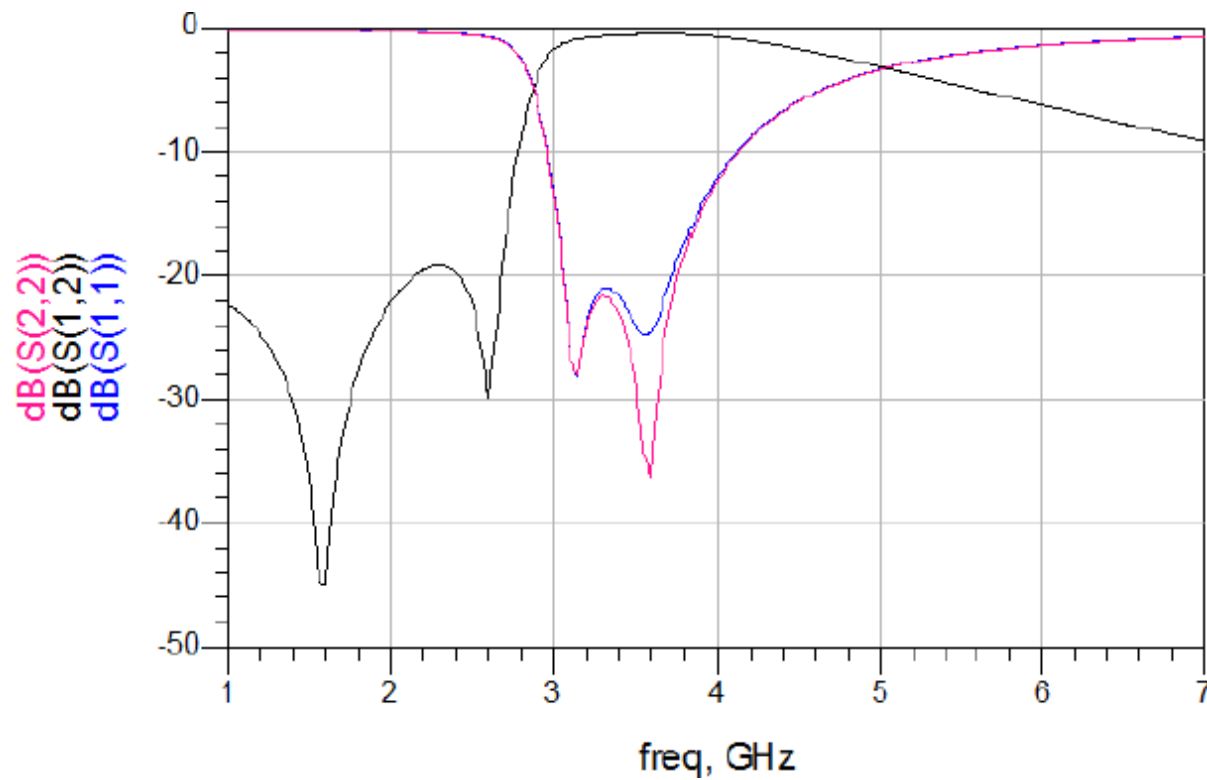


OUTLINE DRAWING:



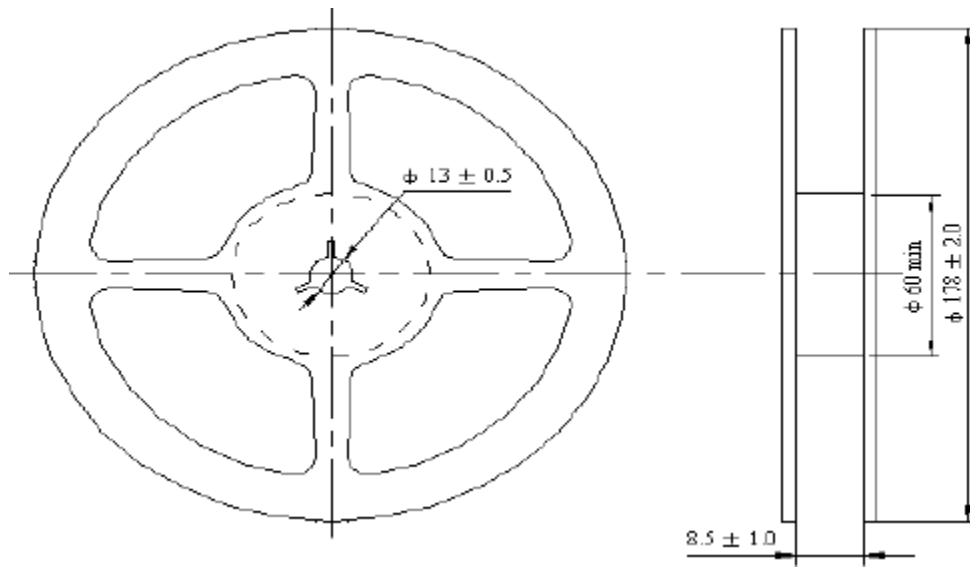
Symbol	L	W	T	a	b	c	d
Dimension (mm)	1.6±0.10	0.8±0.10	0.6±0.10	0.20±0.10	0.20±0.10	0.60±0.15	0.3±0.10

Frequency Characteristics:



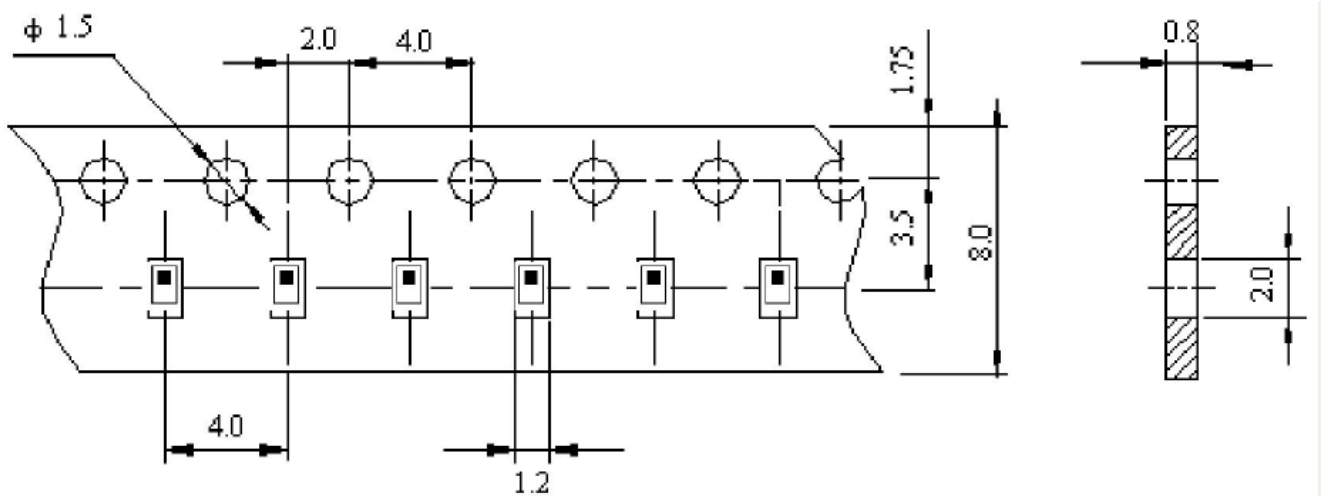
PACKING:

1. REEL DIMENSION (6000 pcs/Reel)



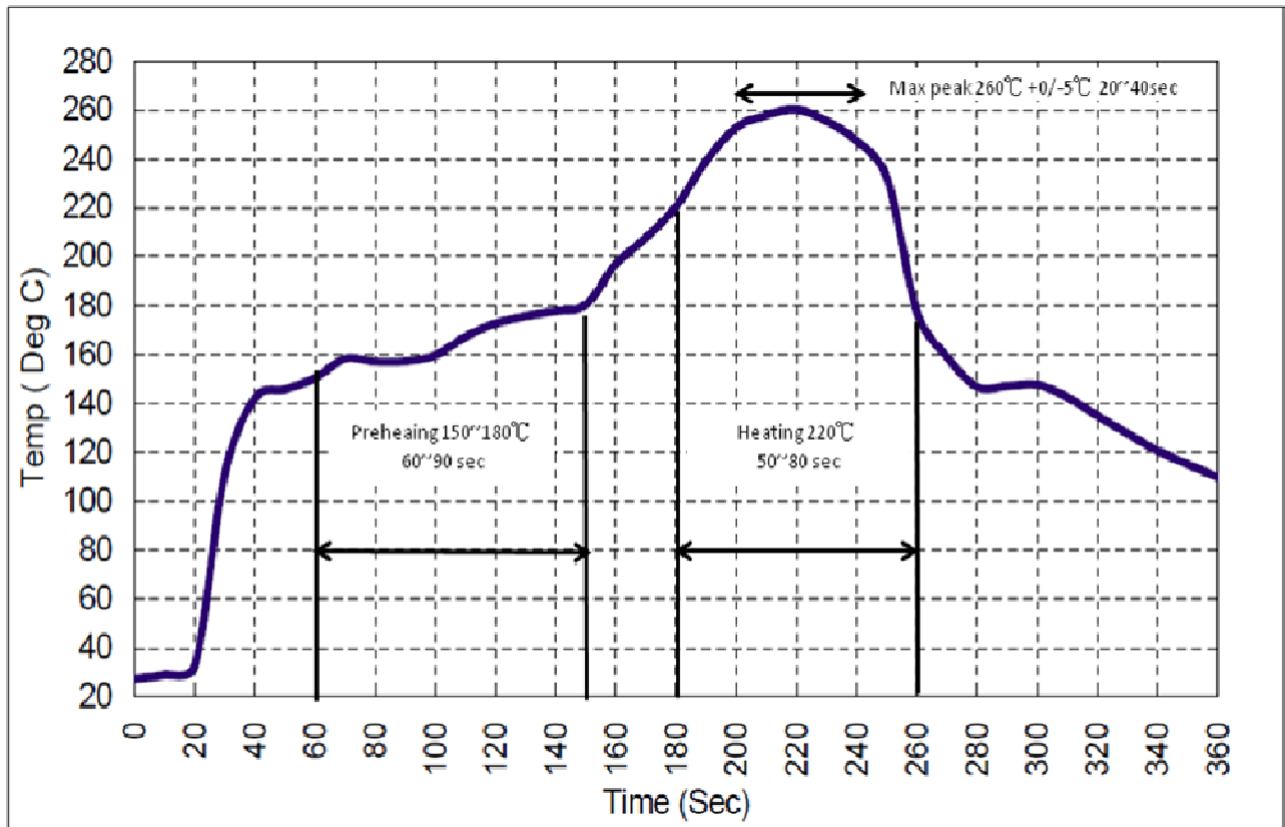
2. TAPE

DIMENSION



Recommended Reflow Profile:

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C+0/-5°C peak (20~40sec).
4. Time: 2 times.



CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.

NOTES:

1. The design, manufacturing process, and specifications of this device are subject to change.
2. US or International patents may apply.
3. RoHS compliant from the first date of manufacture.