

CF1025

**1710~1990 MHz
LTCC Filter**

**Package
Dimensions
1.6 x 0.8**

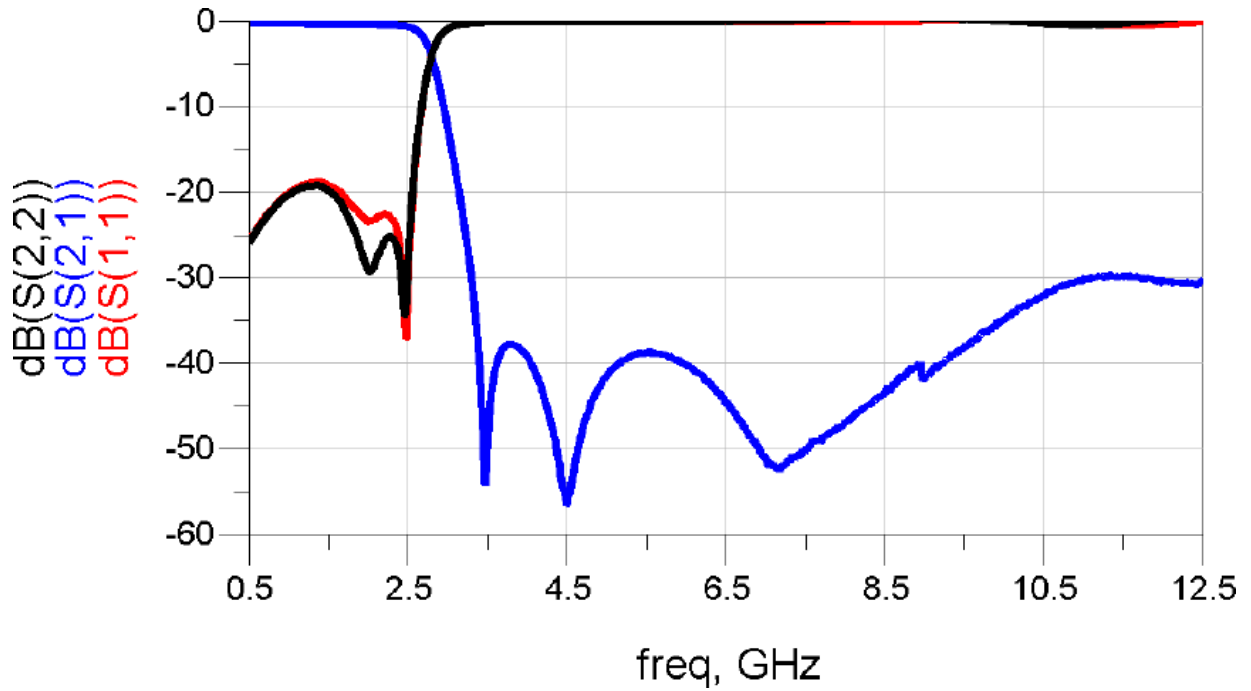
MAXIMUM RATING:

- Input Power Level: 2W
- DC Voltage : 5V
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C
- Moisture Sensitivity Level: Level(MSL1)
- No Marking

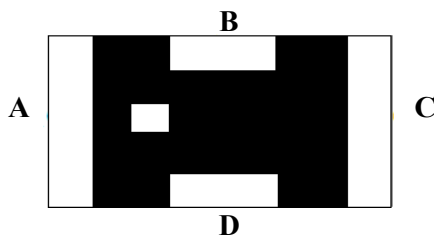
ELECTRICAL CHARACTERISTICS:

Item	Specifications
Frequency Range	1710~1990MHz
Insertion Loss	0.6 dB max
Return Loss	10 dB min
Attenuation	30.5 dB min 3420 ~ 3980 MHz 28.5 dB min 5130 ~ 5970 MHz 25 dB min 5970 ~ 12500 MHz
Operation Temperature Range	-40°C~85°C
In/Output Impedance	50 Ω

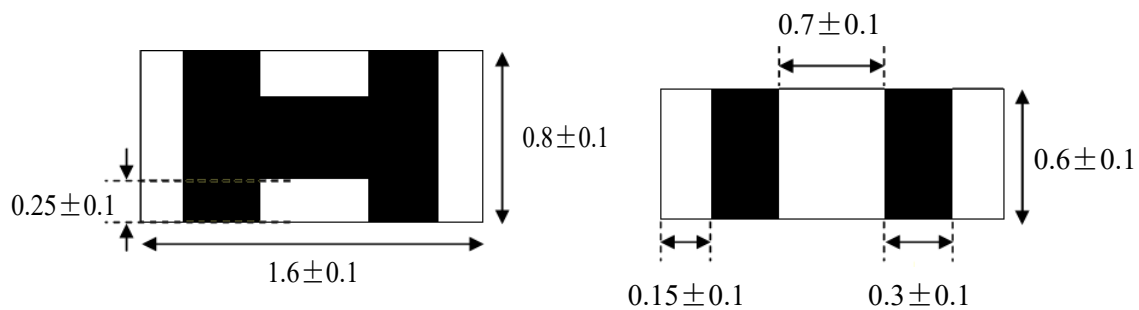
Frequency Characteristics : (Simulation)



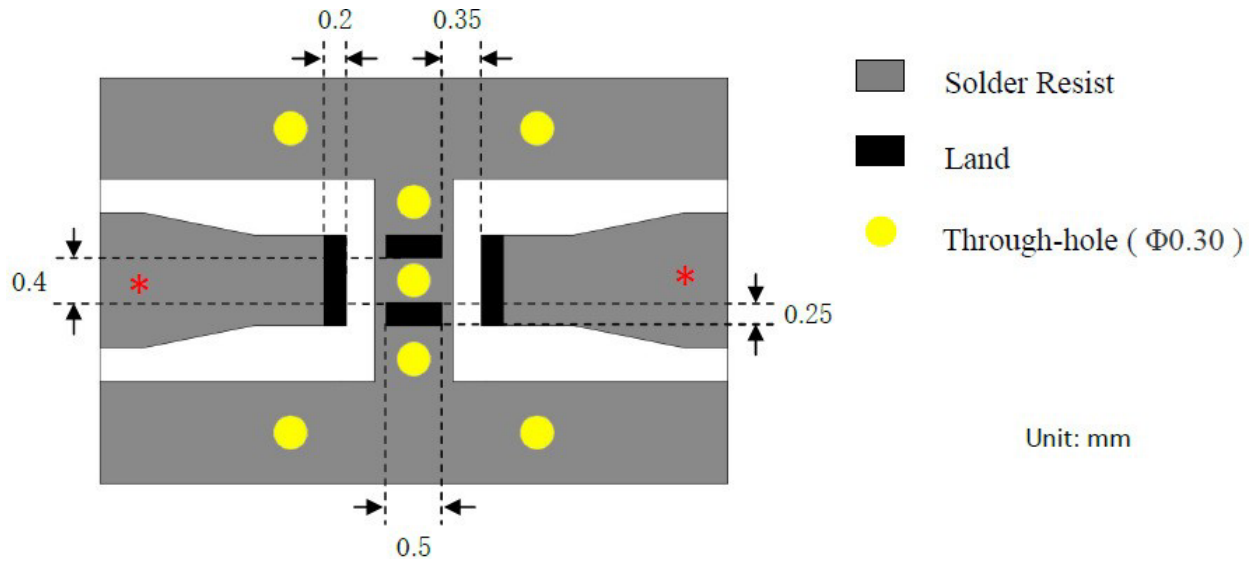
Pin Assignment :



A: Input
 C: Output
 B,D: Ground

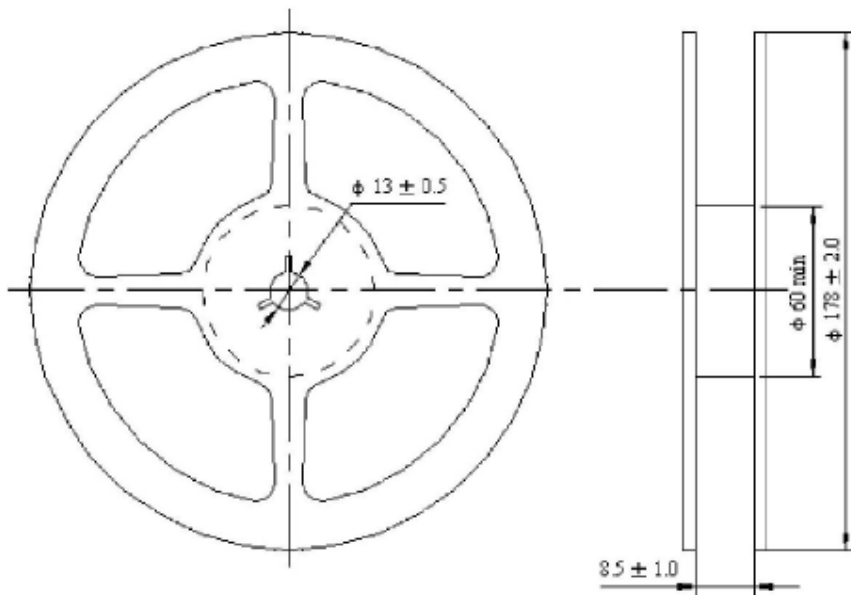


PCB Footprint

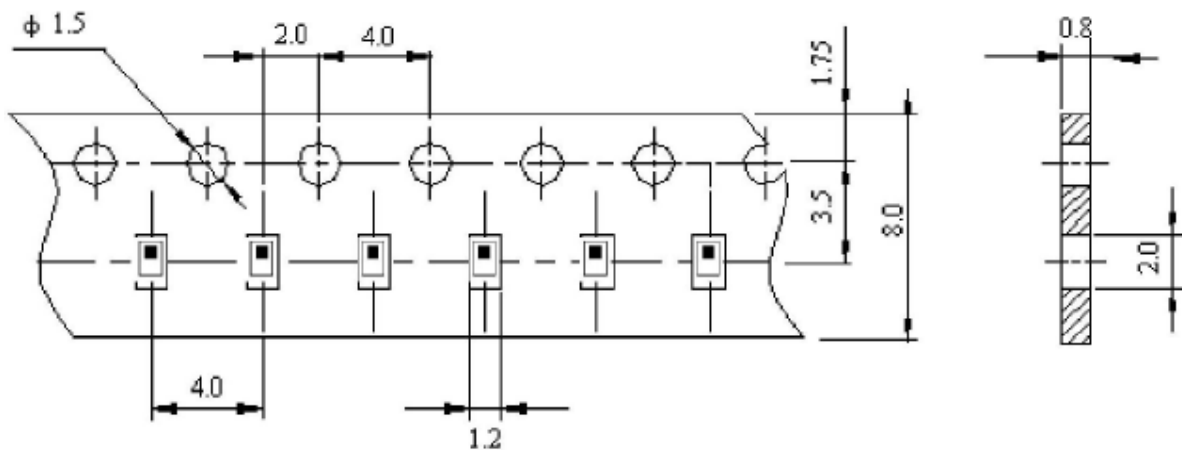


Packing:

1. Reel(6000pcs/reel)

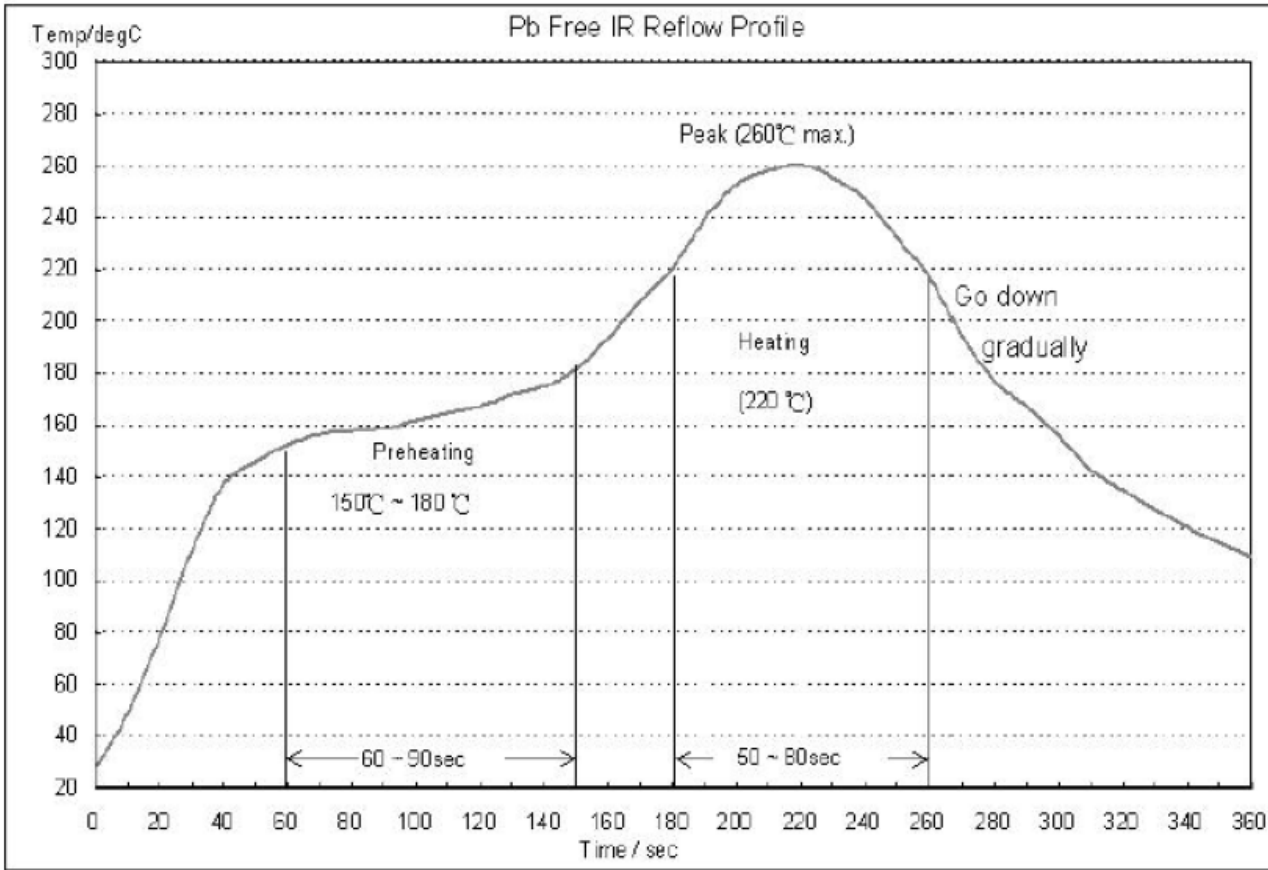


2. Plastic Tape



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 245~260°C peak (min. 10sec).
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.