

LTCC 带通滤波器 (LTCC Bandpass Filter)

HT-BFHK-9901+

50 Ω 8.6GHz to 10.9GHz

The Big Deal

- LTCC Band Pass Filter with Integrated Interposer Board
- Ultra-High Stopband Rejection Structure – 70 dB typical
- Small Size, 1812 (4.5mm x 3.2mm)
- Shielded Construction

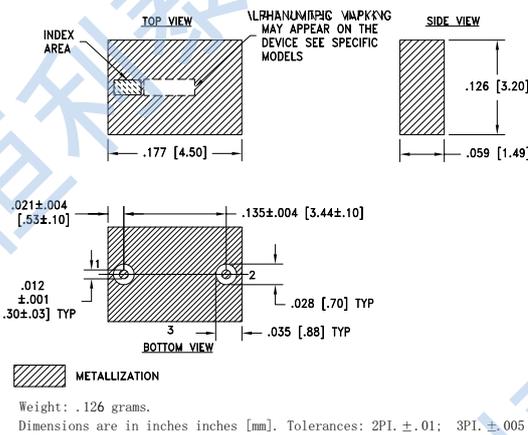
Features and Applications

- Test & Measurement Equipment

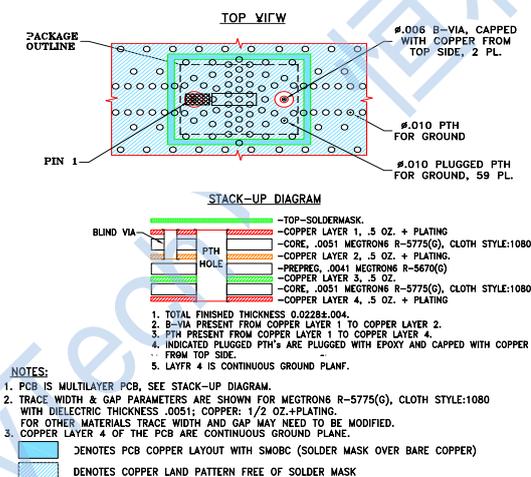
Pad Connections

Input	1
Output	2
Ground	3

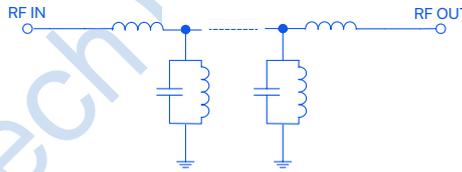
Outline Drawing



PCB Land Pattern



Functional Schematic

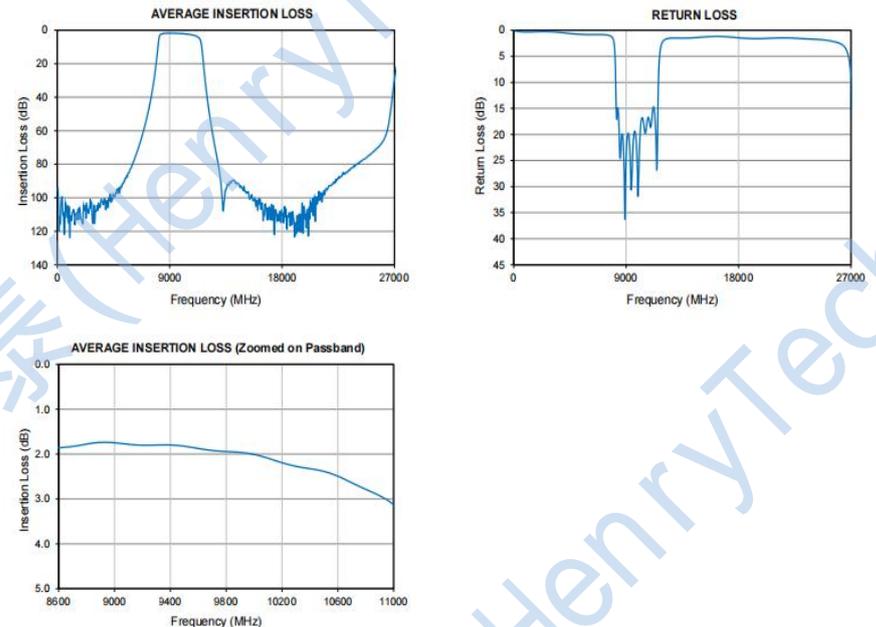


Electrical Specifications at 25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Unit
Center Frequency			9.7		GHz
Pass Band Insertion Loss	8.6-10.9		3.0	4.2	dB
Return Loss	8.6-10.9		13.0		dB
Stop Band, Lower Insertion Loss	0.1-5.8	70	80		dB
Stop Band, Upper Insertion Loss	13.9-23.4	70	80		dB

(1) This series of products cannot be directly used in DC circuits. If they are to be applied in DC circuits, appropriate capacitors must be matched at both the input and output ends.

Typical Performance Data at 25°C



Maximum Ratings

Operating Temperature	-55°C to +125°C
Storage Temperature	-55°C to +125°C
RF Power Input*	1W at 25°C

