

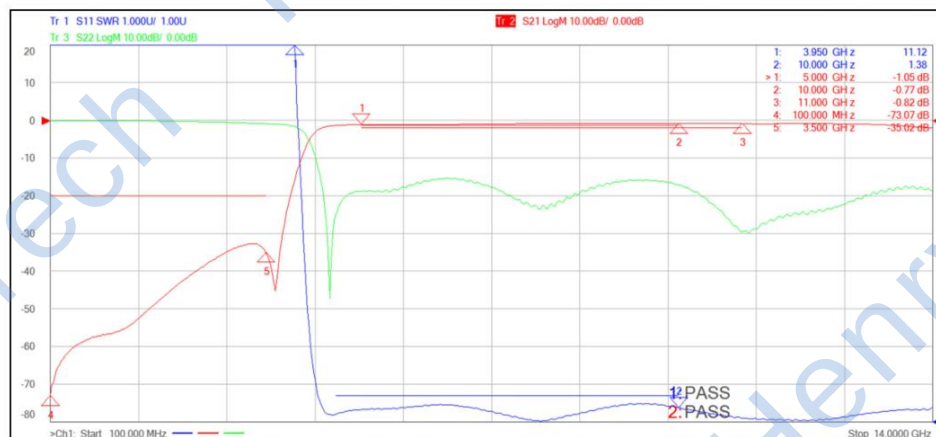
Features

- excellent power handling
- Small size
- 7 sections
- temperature stable
- LTCC construction with great moisture resistance, corrosion resistance, and high reliability

Applications

- sub-harmonic rejection
- transmitters/receivers
- base station of mobile communication and lab use

项目	规格
Bandwidth (带宽)	5000~11000MHz
Max. IL in BW (@25°C) (插入损耗)	S21≤1.4dB (5~10GHz) S21≤2.0dB (5~11GHz)
Attenuation (衰减)	S21≥20dB (0.1~3.5GHz)
VSWR in BW (驻波比)	S11 VSWR≤2 (4.6~10GHz)
Characteristic Impedance (Nom.) (阻抗)	50Ω



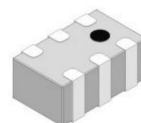
Maximum Ratings

Operating Temperature -40°C to 85°C

Storage Temperature -40°C to 85°C

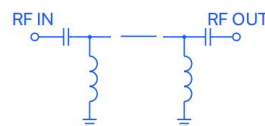
Permanent damage may occur if any of these limits are exceeded.

HT-HFCN-4400+



50Ω 5500 to 11000 MHz

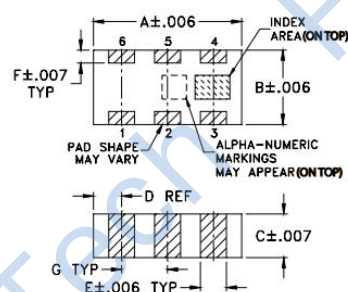
FUNCTIONAL SCHEMATIC



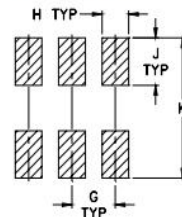
Pin Connections

RF IN	1
RF OUT	3
GROUND	2,4,5,6

Outline Drawing



PCB Land Pattern



Suggested Layout
Tolerance to be within ±0.02

Outline Dimensions: Unit (mm)

A	3.20	B	1.60	C	0.89
D	0.61	E	0.56	F	0.28
G	0.99	H	0.61	J	1.07
K	3.12	wt	0.020g		