

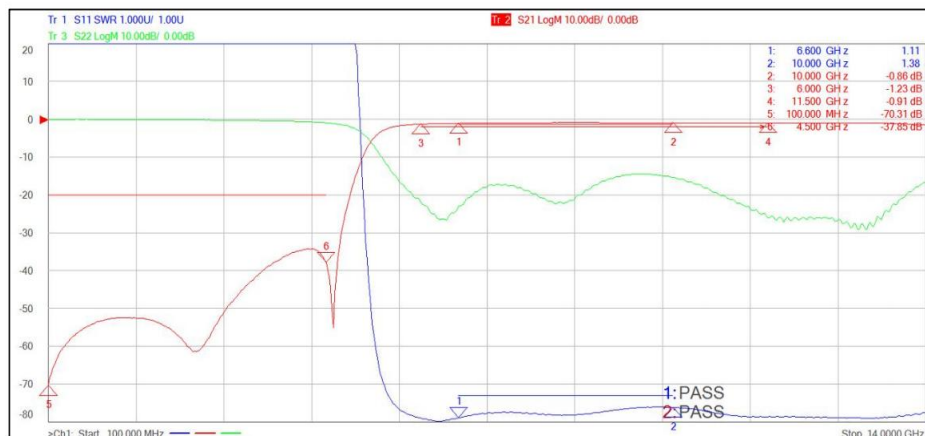
Features

- 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
Cut-off Frequency (截止频率)	6000MHz
Bandwidth (带宽)	6000-11500MHz
Max. IL in BW (@25°C) (插入损耗)	$S_{21} \leq 1.4\text{dB}@6.6\sim 10\text{GHz}$ $S_{21} \leq 2.0\text{dB}@6.0\sim 11.5\text{GHz}$
Attenuation (衰减)	$S_{21} \geq 20\text{dB}@0.1\text{GHz}\sim 4.5\text{GHz}$
VSWR in BW (驻波比)	$\leq 2.0@6.6\sim 10\text{GHz}$
Characteristic Impedance (Nom.) (阻抗)	50Ω
*In Application where DC voltage is present at either input or output ports, coupling capacitors are required.	

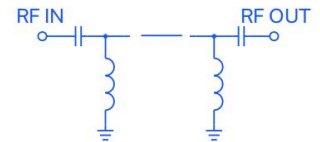


JY-HFCN-5500+



50Ω 6000-11500MHz

FUNCTIONAL SCHEMATIC



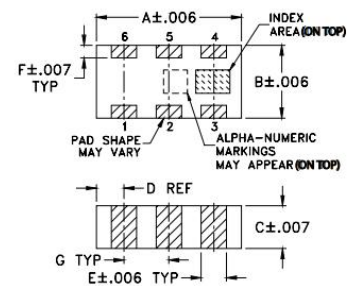
Maximum Ratings

Operating Temperature -40°C to 85°C

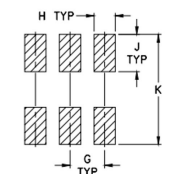
Storage Temperature -40°C to 85°C

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

Outline Drawing



PCB Land Pattern



Outline Dimensions: Unit (mm)

A	3.20	B	1.60	C	1.10
D	0.61	E	0.56	F	0.28
G	0.99	H	0.70	J	1.10
K	3.23	wt	0.02g		