

High Pass Filter

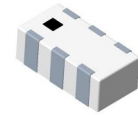
Features

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

Applications

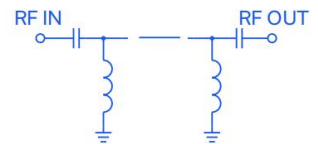
- sub-harmonic rejection
- transmitters/receivers
- base station of mobile communication and lab use

JY-HFCN-3500+



50Ω 3900~10000MHz

FUNCTIONAL SCHEMATIC



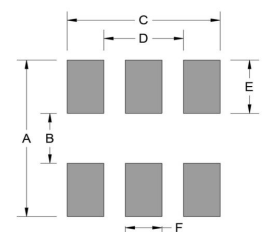
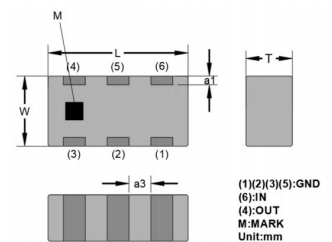
Maximum Ratings

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



Outline Dimensions: Unit (mm)

L	3.2	W	1.6	T	1.1
a1	0.3	a2	0.56	a3	0.44
A	3.23	B	1.03	C	2.92
D	1.52	E	1.1	F	0.7
wt	0.02g				

项目	规格
Cut-off Frequency (截止频率)	3900MHz
Bandwidth (带宽)	3900~10000MHz
Insert Loss (插入损耗)	S21≤1.4dB@4.0~9.0GHz S21≤2.0dB@3.9~10GHz
Attenuation (衰减)	S21≥20dB@0.1GHz~2.8GHz
VSWR in BW (驻波比)	≤2.0@3.65~9.5GHz
Characteristic Impedance (Nom.) (阻抗)	50Ω

*In Application where DC voltage is present at either input or output ports, coupling capacitors are required.

