



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

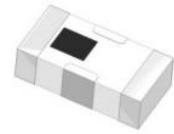
- sub-harmonic rejection
- transmitters/receivers
- base station of mobile communication and lab use

Electrical Specifications¹ at 25°C

Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Insertion Loss	2200-4400	-	-	1.4	dB
		2000-5200	-	-	2.0	dB
	VSWR	2000-5000	-	-	2.0	:1
Stop Band	Rejection Loss	100-1380	20	-	-	dB
		100-1100	40	-	-	dB

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

JY-HFCN-1910+



50Ω 2000~5200MHZ

Pin Connections

RF IN	1
RF OUT	3
GROUND	2,4

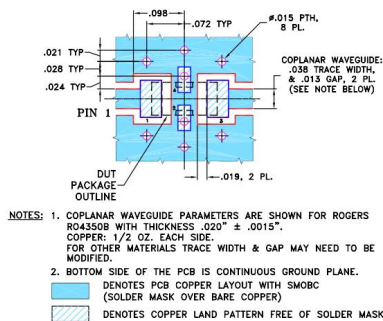
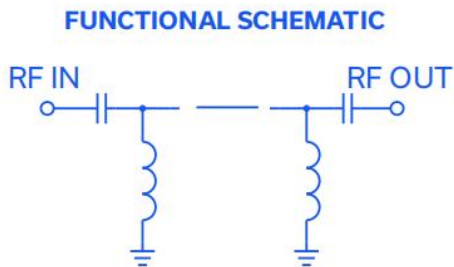
Maximum Ratings

Operating Temperature -40°C to 85°C

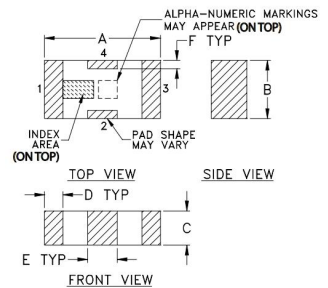
Storage Temperature -40°C to 85°C

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

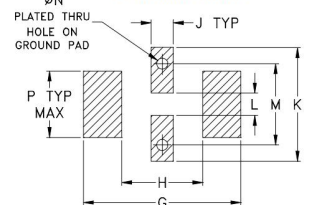
Suggested PCB Layout



Outline Drawing



PCB Land Pattern



Suggested Layout
Tolerance to be within ±0.15

Outline Dimensions: Unit (mm)

A	3.20	B	1.60	C	0.95
D	0.51	E	0.81	F	0.23
G	4.29	H	2.21	J	0.61
K	3.10	L	0.61	M	2.21
N	0.30	P	1.80	wt	0.02g

