

LTCC 高通滤波器 (High Pass Filter)

HT-HFCN-1320+

Features

- Low cost
- Small size
- 7 sections
- Temperature stable
- LTCC construction
- Excellent power handling, 7W
- Hermetically sealed

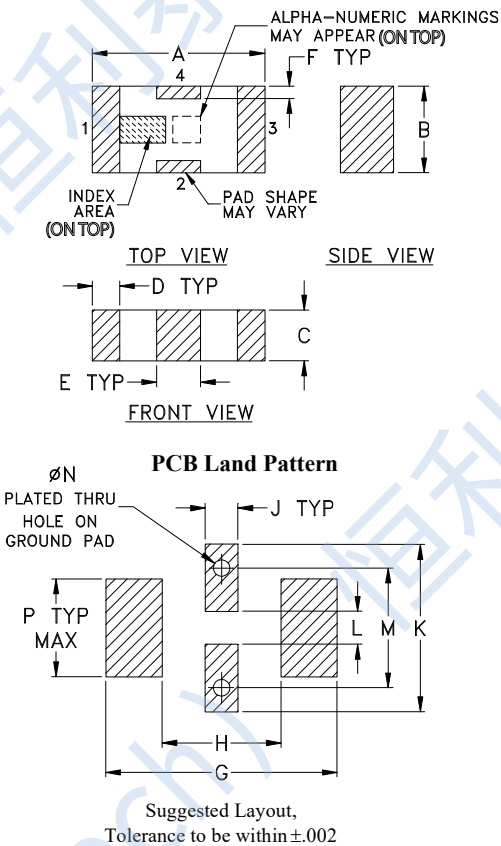
Applications

- Sub-harmonic rejection
- Transmitters/receivers
- Lab use

Pad Connections

RF IN	1
RF OUT	3
GROUND	2,4

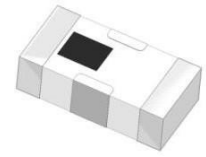
Outline Drawing



Outline Dimensions : inch mm

A	B	C	D	E	F	G	H	J	K	L	M	N	P	wt
.126	.063	.037	.020	.032	.009	.169	.087	.024	.122	.024	.087	.012	.071	grams
3.20	1.60	0.94	0.51	0.81	0.23	4.29	2.21	0.61	3.10	0.61	2.21	0.30	1.80	.020

Functional Schematic

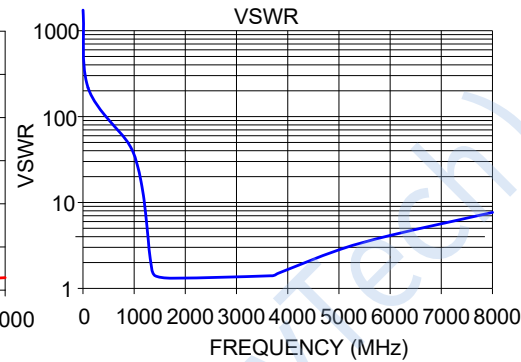
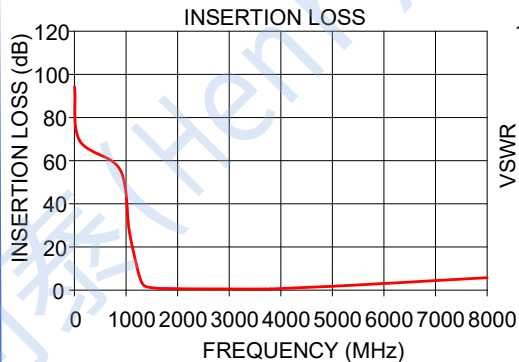


50 Ω
1400MHz to 5000MHz

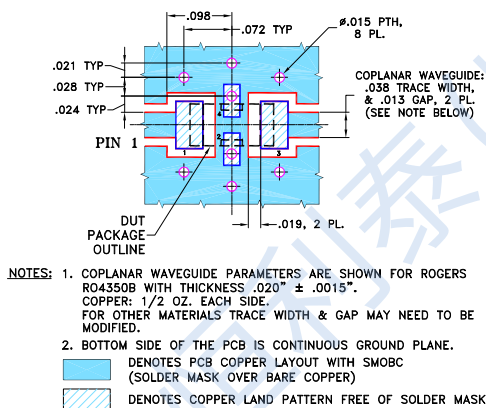
Electrical Specifications(1,2) at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Rejection Loss	880	40	—	—	dB
Stop Band	1060	20	—	—	dB
Freq. Cut-Off	1320	—	3.0	—	dB
VSWR	880-1060	—	20	—	:1
Insertion Loss	1400-5000	—	2.0	—	dB
Pass Band	1700-3800	—	—	1.3	dB
VSWR	1700-3700	—	1.5	—	:1

Typical Performance Data at 25°C



Suggested PCB Layout



Maximum Ratings

Operating Temperature	-55°C to +100°C
Storage Temperature	-55°C to +100°C
RF Power Input*	7W max at 25°C

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