Jieying Communication Technology (Shenzhen) Co., Ltd.
http://www.jytxjs.cn

Low Pass Filter

JY-LFCN-7200+

Features
- excellent power handling
- small size
- 7 sections
- temperature stable
- LTCC construction , and has good moisture resistance, corrosion resistance, high reliability.

Applications
- harmonic rejection
- VHF/UHF transmitters/receivers
- Base Station of Mobile Communication、lab use.



Generic photo used for illustration purposes only

50Ω DC to 7200 MHz

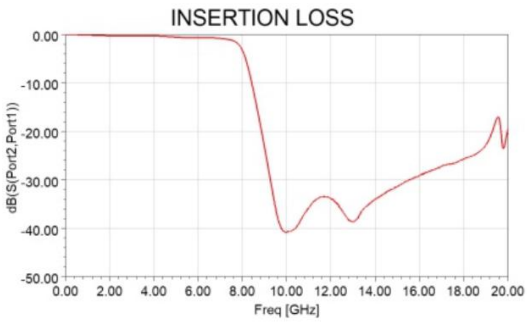
Maximum Ratings	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	8W max. at 25°C

* Passband rating, derate linearly to 3W at 100°C ambient.
Permanent damage may occur if any of these limits are exceeded.

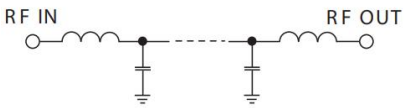
Electrical Specifications at 25°C

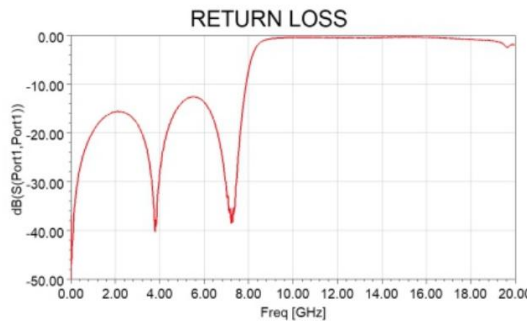
Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Insertion Loss	DC-7200	-	-	2	dB
	Freq.Cut-Off	7560	-	3.0	-	dB
	VSWR	DC-7200	-	1.6	-	:1
Stop Band	Rejection Loss	8850	20	-	-	dB
		9500-12300	-	35	-	dB
		12300-18000	-	20	-	dB
	VSWR	9500-12300	-	17		:1

Pin Connections	
RF IN	1
RF OUT	3
GROUND	2,4

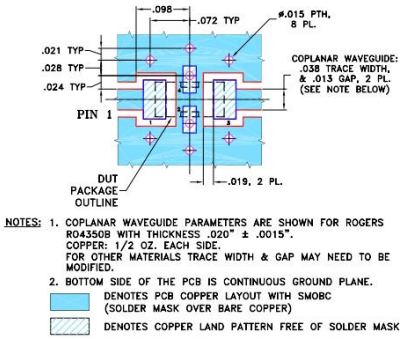


Electrical Schematic

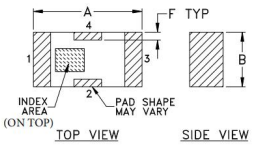


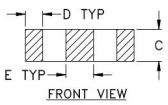


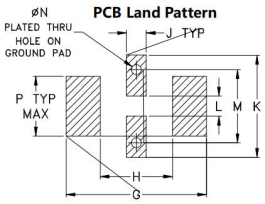
Suggested PCB Layout



Outline Drawing







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	1.8	wt	0.02g

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