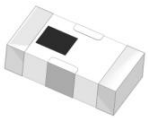
Jieying Communication Technology (Shenzhen) Co., Ltd.
http://www.jytxjs.cn

Low Pass Filter

JY-LFCN-630+



Generic photo used for illustration purposes only

50Ω DC to 630 MHz

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.

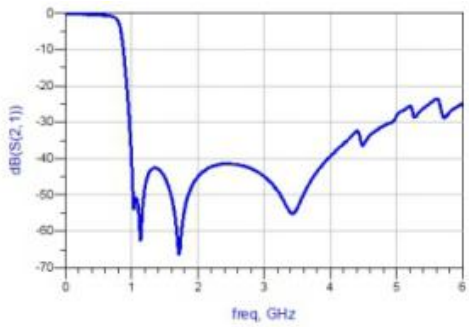
Maximum Ratings	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	10W max. at 25°C

* Passband rating, derate linearly to 3.5W at 100°C ambient.
Permanent damage may occur if any of these limits are exceeded.

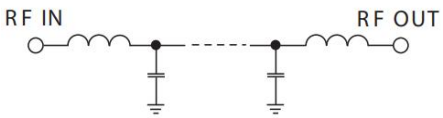
Electrical Specifications at 25°C

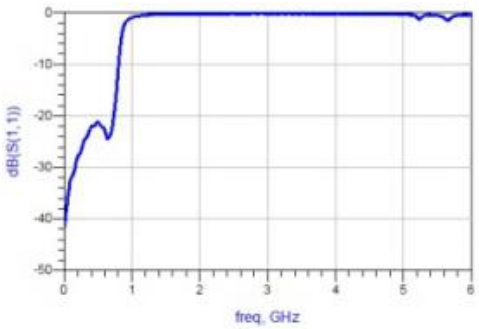
Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Insertion Loss	DC-630	-	-	1.2	dB
	Freq.Cut-Off	830	-	3.0	-	dB
	VSWR	DC-630	-	1.2	-	:1
Stop Band	Rejection Loss	1000	20	-	-	dB
		1050-3500	35	-	-	dB
		6000	20	-	-	dB
	VSWR	1000-6000	-	20	-	:1

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

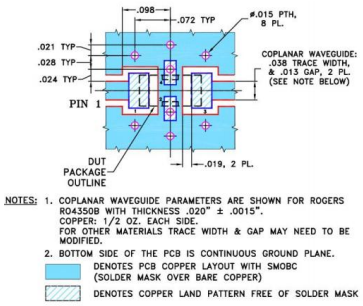


Electrical Schematic

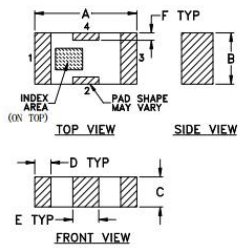


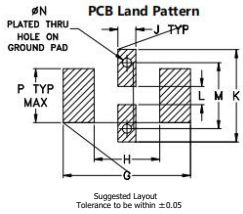


Suggested PCB Layout



Outline Drawing





Outline Dimensions：Unit (mm)					
A	3.20	B	1.60	C	0.94
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

JY-LFCN-630+

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