

Product features

The hot-melt enameled wire is automatically wound and mainly serves as a feeding choke in broadband RF microwave circuits, suitable for micro assembly and soldering processes.

Main specifications

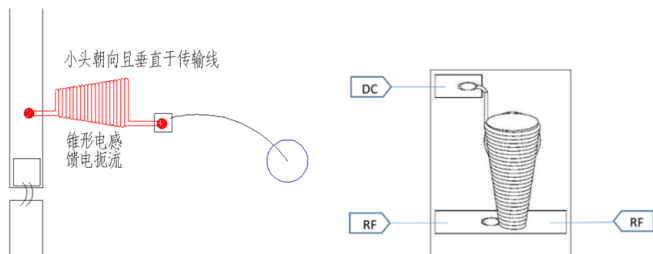
Parameters	Min	Typical	Max	Units
Passband	0.01	~	40	GHz
Inductance		2000		nH
Inductance accuracy		±20%		
Current			200	mA
Wire diameter		0.05		mm
IL		0.2	0.4	dB@10M~20 GHz
IL		0.5	2	dB@10M~40 GHz

Other parameters

Operation Temp.	-55~+125°C Design assurance
	Temperature 20-25 °C, humidity 40-60%
Quality Grade	Industrial grade

Suggested assembly diagram

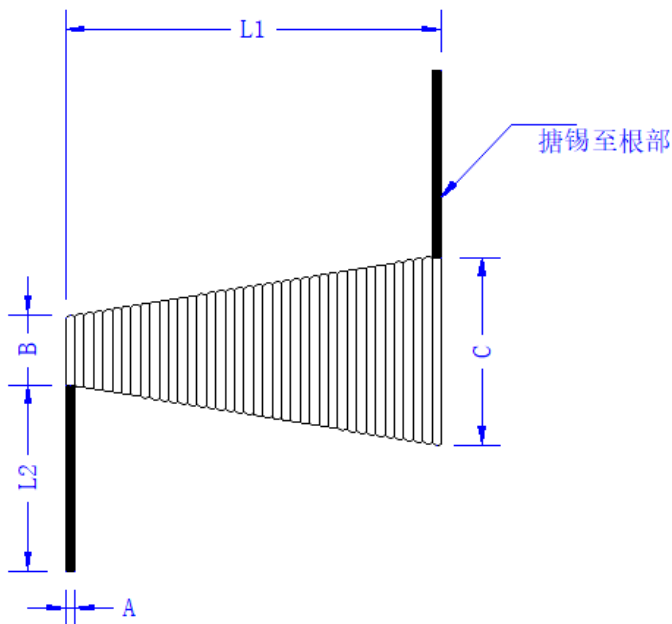
During assembly, the cone tip (small head) should face and be perpendicular to the RF signal transmission line. The lead wires at the transmission line end should be as short as possible, and the cone inductor must be fixed with adhesive.



Reference picture



Configuration(mm)



A	B	C	L1	L2
0.05	0.35	1.48	3.40	5