

Low Pass Filter

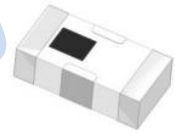
Features

- Excellent power handling
- small size
- Low loss
- temperature stable
- LTCC construction , and has good moisture resistance, corrosion resistance, high reliability.

Applications

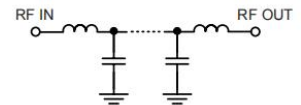
- Harmonic Rejection
- VHF/UHF transmitters / receivers
- Base Station/Micro base station of Mobile Communication, Internet of things terminal、lab use.

HT-LFCG-4000+



50Ω DC to 4010 MHz

Functional Schematic



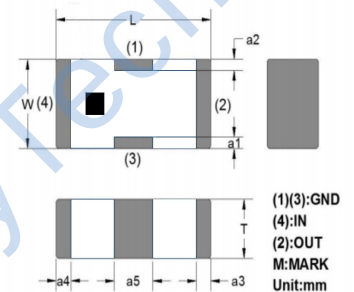
Maximum Ratings

Operating Temperature -40°C to 85°C

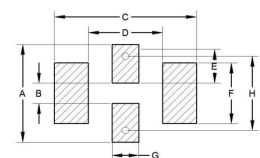
Storage Temperature -40°C to 85°C

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

Outline Drawing

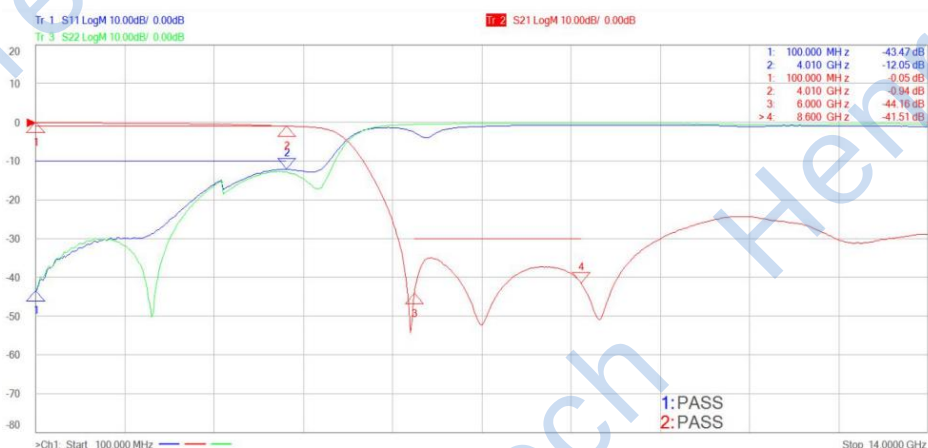


PCB Land Pattern



外形	L	W	T	a1,a2	a3, a4	a5		
尺寸	2.0±0.15	1.2±0.15	1.0±0.15	0.3±0.15	0.3±0.15	0.5±0.15		
焊盘	A	B	C	D	E	F	G	H
尺寸	2.2	0.4	3	1.6	0.95	1.4	0.6	2.0

项目	规格
Cut-off Frequency (截止频率)	4010MHz
Bandwidth (带宽)	DC~4010MHz
Max. IL in BW (@25°C) (插入损耗)	1.00dB
Attenuation (衰减)	S21 ≥30dB@6.0GHz~8.6GHz S11 ≥10dB@0.1GHz~4.01GHz
VSWR in BW (驻波比)	/
Characteristic Impedance (Nom.) (阻抗)	50Ω



Tel: +86-28-85589664

E-mail: mr_li@henglitaitech.com

Web: www.hltchips.com

Address: No. 198 Tianqin East Street, Gaoxin West District, Chengdu City