

LTCC 低温共烧陶瓷

■ Feature 特点

Compact Size 体积小

Miniaturized SMD packaged in low profile and lightweight.

Low Loss 低插入损耗

Low insertion loss, high attenuation.

High Soldering Heat Resistance 耐高温表面焊接

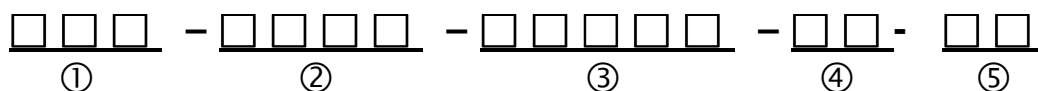
High quality termination allows both flow and re-flow soldering methods to be applied.

High Performance 特性优良

Eliminate noise over a wide frequency range. Idea for high frequency and space limited designs.

Available in tape and reel packaging for automatic mounting 卷轴包装适用于表面贴片技术

■ Product Identification 产品型号



- ① Product Code
- ② Dimension Code
- ③ Series Type (center frequency and material type)
- ④ Design Code
- ⑤ Pattern Code

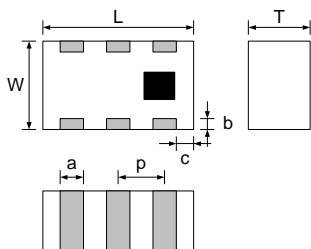


Coupler 耦合器

Application 用途

WLAN, Bluetooth, Home RF, WiMAX, etc.

Dimensions 外观尺寸

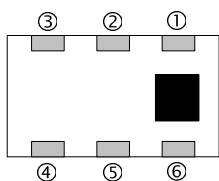


Unit: mm

Size	L	W	T	a	b	c	p
LTC-1608	1.60±0.15	0.8±0.10	0.60±0.10	0.30±0.10	0.30±0.20	0.10±0.10	0.55±0.10
LTC-2012	2.00±0.15	1.25±0.15	0.95±0.10	0.30±0.20	0.25±0.20	0.20±0.20	0.65±0.20

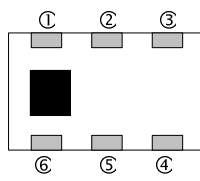
Termination Configuration 脚位图

LTC-1608



- ① IN
- ② GND
- ③ Coupled Out
- ④ Terminate
- ⑤ GND
- ⑥ Main Out

LTC-2012



- ① Terminate
- ② GND
- ③ In
- ④ Out1
- ⑤ GND
- ⑥ Out2

Electrical Specification 电气规格

Part No. 型号	Pass Band 带宽 (MHz)	Insertion Loss 插入损耗	VSWR 电压 驻波比	Coupling in BW 耦合	Isolation in BW 绝缘
LTC-1608-2G4S1-A1	2400~2500	1.65dB max.	1.5 max.	6.5dB ± 1dB	23dB min.
LTC-1608-2G4S1-A2	2400~2500	0.7dB max.	1.8 max.	17dB ± 1dB	23dB min.
LTC-1608-2G4S1-A3	2400~2500	0.75dB max.	1.5 max.	10dB ± 1dB	27dB min.

Part No. 型号	Pass Band 带宽 (MHz)	Insertion Loss 插入损耗	VSWR 电压 驻波比	Isolation 绝缘	Amplitude Balance 振幅差	Phase Deviation 相位差
LTC-2012-2G4S1-A1	2300~2800	3.3±0.5dB	2.0 max.	18dB min.	1.0dB max.	90°±10°
LTC-2012-3G5S1-A1	3300~3800	3.3±0.5dB	2.0 max.	18dB min.	1.0dB max.	90°±10°
LTC-2012-5G5S1-A1	4900~5900	3.3±0.5dB	2.0 max.	18dB min.	1.0dB max.	90°±10°

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