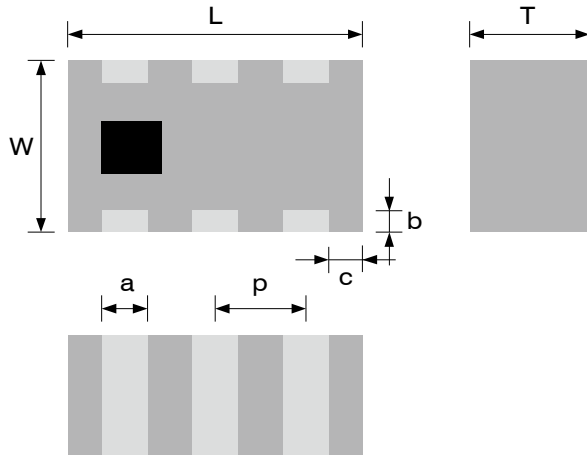


■ APPLICATION 用途

Cell Phone, PHS, WLAN, Bluetooth, Home RF, WiMAX, etc.

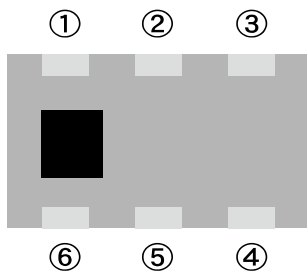
■ DIMENSIONS 外观尺寸



Unit: mm

Size	L	W	T	a	b	c	p
LTU-1608	1.60±0.15	0.80±0.10	0.60±0.10	0.30±0.10	0.30±0.20	0.10±0.10	0.55±0.10
LTU-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

■ TERMINAL CONFIGURATION 脚位图



- ① N. C. (Balance Port for 1608-2G4S1-A3/A4)
- ② GND (N.C. for 1608-2G4S1-A3/A4)
- ③ Balanced Port
- ④ Balanced Port (GND for 1608-2G4S1-A3/A4)
- ⑤ GND or DC (N.C. for 1608-2G4S1-A3/A4
GND for 1608-2G4S1-B1/B2 1608-5G5S1-D1)
- ⑥ Unbalanced Port

■ ELECTRICAL SPECIFICATIONS 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	Phase Difference 相位差	Amplitude Balance 振幅平衡	Unbalance/Balance Impedance 非平衡/平衡阻抗
LTU-1608-0G8S1-A1	824~849	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-1G8S1-A1	1710~1910	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-1G9S1-A1	1920~1990	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-2012-1G9S1-A1	1892~1920	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-2G4S1-A1	2400~2500	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-2G4S1-B1	2400~2500	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm

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Low Temperature Cofired Ceramics Series

Balun 平衡-不平衡变压器

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

Part No. 型号	Pass Band 带宽(MHz)	Insertion Loss 插入损耗	VSWR 电压驻波比	Phase Difference 相位差	Amplitude Balance 振幅平衡	Unbalance/Balance Impedance 非平衡/平衡阻抗
LTU-1608-2G4S1-A2	2400~2500	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-2G4S1-A3	2400~2500	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-2G4S1-A4	2400~2500	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-2012-2G4S1-A1/ B1	2400~2500	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-2012-2G4S1-A2	2400~2500	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-2012-2G4S1-A5	2400~2500	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-2G5S1-A1	2300~2700	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-2G5S1-A2	2300~2700	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-3G5S1-A1	3300~3800	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-3G5S1-A2	3300~3800	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-5G5S1-A1	4900~5900	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-5G5S1-D1	4900~5900	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm
LTU-1608-5G5S1-A2	4900~5900	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-5G5S1-B2	4900~5900	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 50 ohm
LTU-1608-5G5S1-A3	4900~5900	1.2dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 200 ohm
LTU-2012-5G5S1-A1	4900~5900	1.0dB max.	2.0 max.	180° ± 10°	2dB max.	50 / 100 ohm

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