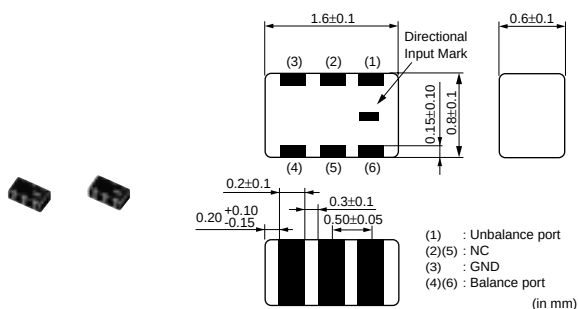


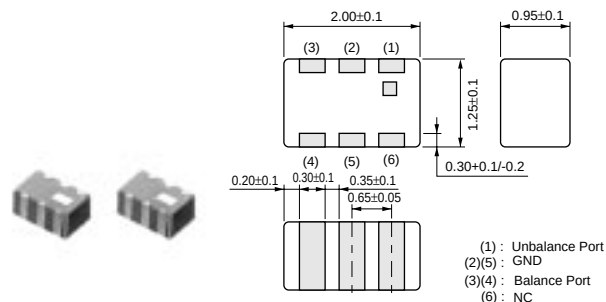
Chip Multilayer Hybrid Baluns

Chip Multilayer Hybrid Baluns



LDB18 Series

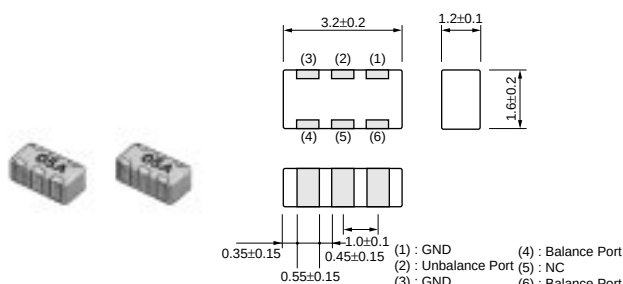
*Terminal of "NC" should be fixed to the no connected pattern.
All the technical data and Information contained herein are subject to change without prior notice.



LDB21 Series

* Terminal of "NC" should be connected to the floating land.
* All the technical data and information contained herein are subject to change without prior notice.

(in mm)



LDB31 Series

* Terminal of "NC" should be connected to the floating land.
(in mm)

Part Number	Frequency Range (MHz)	Insertion Loss I (dB)	Insertion Loss II (dB)	Unbalance Impedance (ohm)	Balance Impedance (Differential) (ohm)
LDB181G8405C-110	1842.5 ±37.5MHz	1.2 max. (at 25°C)	1.3 max. (-40~+85°C)	50 (Nominal)	50 (Nominal)
LDB181G8420C-110	1842.5 ±37.5MHz	1.3 max. (at 25°C)	1.4 max. (-40~+85°C)	50 (Nominal)	200 (Nominal)
LDB181G8820C-110	1880.0 ±30.0MHz	1.3 max. (at 25°C)	1.4 max. (-40~+85°C)	50 (Nominal)	200 (Nominal)
LDB181G9505C-110	1955.0 ±35.0MHz	1.2 max. (at 25°C)	1.3 max. (-40~+85°C)	50 (Nominal)	50 (Nominal)
LDB181G9510C-110	1955.0 ±35.0MHz	1.2 max. (at 25°C)	1.3 max. (-40~+85°C)	50 (Nominal)	100 (Nominal)
LDB182G4505C-110	2450.0 ±50.0MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50 (Nominal)	50 (Nominal)
LDB182G4510C-110	2450.0 ±50.0MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50 (Nominal)	100 (Nominal)
LDB182G4520C-110	2450.0 ±50.0MHz	1.3 max. (at 25°C)	1.4 max. (-40~+85°C)	50 (Nominal)	200 (Nominal)
LDB183G7010C-110	3700.0 ±300.0MHz	1.4 max. (at 25°C)	1.5 max. (-40~+85°C)	50 (Nominal)	100 (Nominal)
LDB184G5010C-110	4500.0 ±300.0MHz	1.1 max. (at 25°C)	1.2 max. (-40~+85°C)	50 (Nominal)	100 (Nominal)
LDB211G6005C-001	1600 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB211G6010C-001	1600 ±100MHz	0.9 max. (at 25°C)	1.0 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB211G6020C-001	1600 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB211G8005C-001	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB211G8010C-001	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB211G8020C-001	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB211G9005C-001	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB211G9010C-001	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB211G9020C-001	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB212G4005C-001	2400 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB212G4010C-001	2400 ±100MHz	0.9 max. (at 25°C)	1.0 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB212G4020C-001	2400 ±100MHz	1.0 max. (at 25°C)	1.1 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB21836M20C-001	836.5 ±12.5MHz	1.0 max. (at 25°C)	1.1 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB21881M05C-001	881.5 ±12.5MHz	1.4 max. (at 25°C)	1.5 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB21881M20C-001	881.5 ±12.5MHz	1.4 max. (at 25°C)	1.5 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB21897M05C-001	897.5 ±17.5MHz	1.4 max. (at 25°C)	1.5 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB21906M05C-001	906.0 ±19.0MHz	1.4 max. (at 25°C)	1.5 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)

Continued on the following page.

Note • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering. Especially, please read rating and **CAUTION** (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
• You are able to read a detailed specifications in the website (<http://search.murata.co.jp/>) before to require our product specifications or to transact the approval sheet for product specifications.

Continued from the preceding page.

Part Number	Frequency Range (MHz)	Insertion Loss I (dB)	Insertion Loss II (dB)	Unbalance Impedance (ohm)	Balance Impedance (Differential) (ohm)
LDB21906M20C-001	906.0 ±19.0MHz	1.3 max. (at 25°C)	1.4 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB21924M05C-001	924.5 ±35.5MHz	1.3 max. (at 25°C)	1.4 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB21924M20C-001	924.5 ±35.5MHz	1.3 max. (at 25°C)	1.4 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB21942M05C-001	942.5 ±17.5MHz	1.4 max. (at 25°C)	1.5 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB21942M20C-001	942.5 ±17.5MHz	1.3 max. (at 25°C)	1.4 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB311G5005C-300	1500 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB311G5010C-300	1500 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB311G5020C-420	1500 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB311G6005C-300	1600 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB311G6010C-300	1600 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB311G6020C-300	1600 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB311G7005C-300	1700 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB311G7010C-300	1700 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB311G7020C-300	1700 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB311G8005C-300	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB311G8010C-451	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB311G8020C-300	1800 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB311G9005C-300	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB311G9010C-440	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB311G9020C-452	1900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB312G4005C-300	2400 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB312G4010C-418	2400 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	100 (Nominal)
LDB312G4020C-301	2400 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)
LDB31900M05C-417	900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	50 (Nominal)
LDB31900M20C-416	900 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-25~+85°C)	50 (Nominal)	200 (Nominal)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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