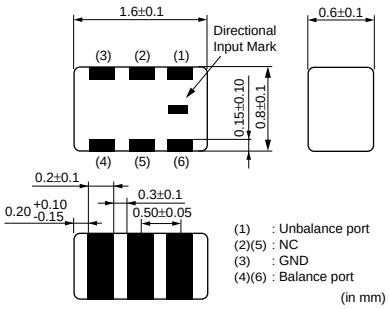
# Chip Multilayer Hybrid Baluns

## Chip Multilayer Hybrid Baluns

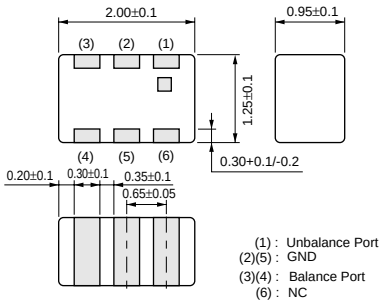
LDB18 Series




∗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.

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in mm

| Part Number | Frequency Range (MHz) | Insertion Loss I) (dB) | Insertion Loss II) (dB) | Unbalance Impedance (Nom.) (ohm) | Balance Impedance (Differential) (Nom.) (ohm) |
|---|---|---|---|---|---|
| **LDB181G8405C-110** | 1842.5 ±37.5MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 50 |
| **LDB181G8420C-110** | 1842.5 ±37.5MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |
| **LDB181G8820C-110** | 1880.0 ±30.0MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |
| **LDB181G9505C-110** | 1955.0 ±35.0MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 50 |
| **LDB181G9510C-110** | 1955.0 ±35.0MHz | 1.2 max. (at 25°C) | 1.3 max. (-40~+85°C) | 50 | 100 |
| **LDB182G4505C-110** | 2450.0 ±50.0MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 50 |
| **LDB182G4510C-110** | 2450.0 ±50.0MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 100 |
| **LDB182G4520C-110** | 2450.0 ±50.0MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |
| **LDB183G7010C-110** | 3700.0 ±300.0MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 100 |
| **LDB184G5010C-110** | 4500.0 ±300.0MHz | 1.1 max. (at 25°C) | 1.2 max. (-40~+85°C) | 50 | 100 |
| **LDB211G6005C-001** | 1600 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 50 |
| **LDB211G6010C-001** | 1600 ±100MHz | 0.9 max. (at 25°C) | 1.0 max. (-40~+85°C) | 50 | 100 |
| **LDB211G6020C-001** | 1600 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 200 |
| **LDB211G8005C-001** | 1800 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 50 |
| **LDB211G8010C-001** | 1800 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 100 |
| **LDB211G8020C-001** | 1800 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 200 |
| **LDB211G9005C-001** | 1900 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 50 |
| **LDB211G9010C-001** | 1900 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 100 |
| **LDB211G9020C-001** | 1900 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 200 |
| **LDB212G4005C-001** | 2400 ±100MHz | 0.8 max. (at 25°C) | 0.9 max. (-40~+85°C) | 50 | 50 |
| **LDB212G4010C-001** | 2400 ±100MHz | 0.9 max. (at 25°C) | 1.0 max. (-40~+85°C) | 50 | 100 |
| **LDB212G4020C-001** | 2400 ±100MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 200 |
| **LDB215G1210C-001** | 5125 ±225MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 100 |
| **LDB215G2505C-001** | 5250 ±100MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 50 |
| **LDB215G2510C-001** | 5250 ±100MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 |
| **LDB215G2520C-001** | 5250 ±100MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 200 |
| **LDB215G3710C-001** | 5375 ±475MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 |
| **LDB215G5105C-001** | 5512 ±363MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 50 |
| **LDB215G5110C-001** | 5512 ±363MHz | 0.95 max. (at 25°C) | 1.10 max. (-40~+85°C) | 50 | 100 |
| **LDB215G5120C-001** | 5512 ±363MHz | 1.10 max. (at 25°C) | 1.25 max. (-40~+85°C) | 50 | 200 |
| **LDB21836M20C-001** | 836.5 ±12.5MHz | 1.0 max. (at 25°C) | 1.1 max. (-40~+85°C) | 50 | 200 |
| **LDB21881M05C-001** | 881.5 ±12.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 |
| **LDB21881M20C-001** | 881.5 ±12.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 200 |
| **LDB21897M05C-001** | 897.5 ±17.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 |
| **LDB21906M05C-001** | 906.0 ±19.0MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 |
| **LDB21906M20C-001** | 906.0 ±19.0MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |
| **LDB21924M05C-001** | 924.5 ±35.5MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 50 |
| **LDB21924M20C-001** | 924.5 ±35.5MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |
| **LDB21942M05C-001** | 942.5 ±17.5MHz | 1.4 max. (at 25°C) | 1.5 max. (-40~+85°C) | 50 | 50 |
| **LDB21942M20C-001** | 942.5 ±17.5MHz | 1.3 max. (at 25°C) | 1.4 max. (-40~+85°C) | 50 | 200 |