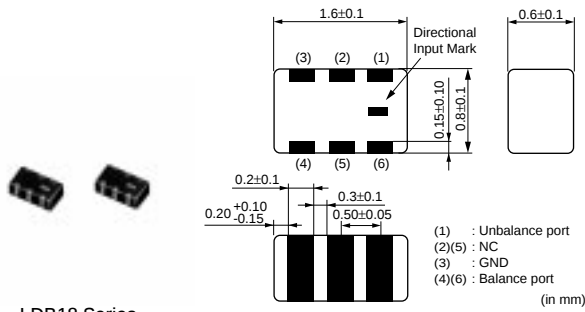


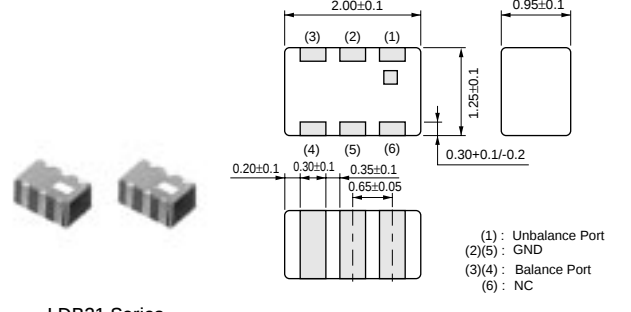
# Chip Multilayer Hybrid Baluns

## 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

| 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                                           |