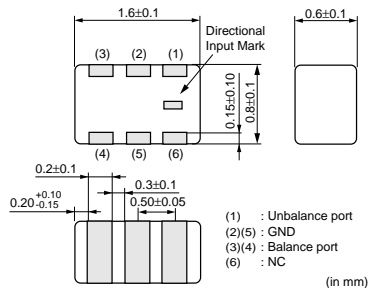


## Chip Multilayer Hybrid Baluns

### Chip Multilayer Hybrid Baluns



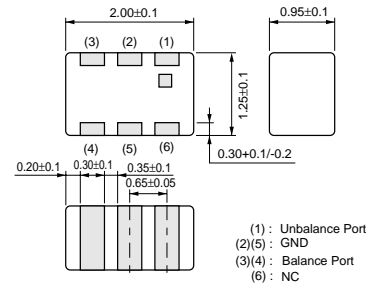
LDB18 Series



\*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

Microwave Components

8

Part Number	Frequency Range (MHz)	Insertion Loss I) (dB)	Insertion Loss II) (dB)	Unbalance Impedance (Nom.) (ohm)	Balance Impedance (Differential) (Nom.) (ohm)
LDB181G8115G-120	1810 ±100MHz	1.1 max. (at 25°C)	1.2 max. (-40~+85°C)	50	150
LDB181G8120G-120	1810 ±100MHz	1.2 max. (at 25°C)	1.3 max. (-40~+85°C)	50	200
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
LDB185G3705G-120	5375 ±475MHz	1.50 max. (at 25°C)	1.65 max. (-40~+85°C)	50	50
LDB185G3710G-120	5375 ±475MHz	1.20 max. (at 25°C)	1.35 max. (-40~+85°C)	50	100
LDB18869M10G-120	869.5 ±45.5MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	100
LDB18869M15G-120	869.5 ±45.5MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	150
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
LDB211G8105C-001	1815 ±105MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	50
LDB211G8110C-001	1810 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-40~+85°C)	50	100
LDB211G8115C-001	1810 ±100MHz	0.8 max. (at 25°C)	0.9 max. (-40~+85°C)	50	150
LDB211G8120C-002	1810 ±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
LDB212G1005C-001	2100 ±100MHz	0.9 max. (at 25°C)	1.0 max. (-40~+85°C)	50	50
LDB212G1010C-001	2100 ±100MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	100
LDB212G1020C-001	2100 ±100MHz	0.9 max. (at 25°C)	1.0 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
LDB213G7010C-002	3700 ±300MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	100
LDB213G7020C-001	3700 ±300MHz	2.2 max. (at 25°C)	2.3 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

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Part Number	Frequency Range (MHz)	Insertion Loss I) (dB)	Insertion Loss II) (dB)	Unbalance Impedance (Nom.) (ohm)	Balance Impedance (Differential) (Nom.) (ohm)
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
LDB21836M15C-002	836.5 ±12.5MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	150
LDB21836M20C-001	836.5 ±12.5MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	200
LDB21869M10C-001	869.5 ±45.5MHz	1.0 max. (at 25°C)	1.1 max. (-40~+85°C)	50	100
LDB21869M15C-001	869.5 ±45.5MHz	1.2 max. (at 25°C)	1.3 max. (-40~+85°C)	50	150
LDB21869M20C-001	869.5 ±45.5MHz	1.2 max. (at 25°C)	1.3 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