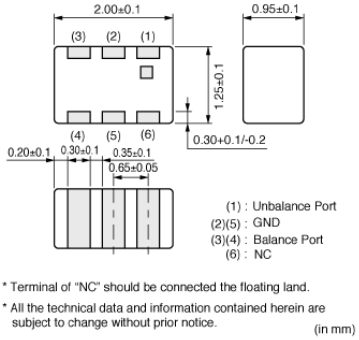
LDB21881M05C-001

In Production | Recommended | RoHS | REACH

Appearance & Shape



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

(in mm)

Features

Chip type SMD baluns constructed with copper conductor and ceramic material.
Ideal for high-frequency applications.
Small-size and low-loss baluns can be customized for the balance impedance of 50ohm to 200ohm.

1. Available in the 869MHz to 894MHz frequency range.
2. Impedance at balanced terminals is 50ohm.
3. Small, Low-profiled SMD.
4. Low loss.
5. Available in tape and reel packing for automatic mounting.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	4000

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Specifications

Applications	GSM
Center Frequency	881.50MHz
Frequency Range	869.00MHz to 894.00MHz
Insertion Loss I)	1.40dB max. (at 25℃)
Insertion Loss II)	1.50dB max. (-40 to +85℃)
Unbalance Impedance (Nom.)	50Ω
Balance Impedance (Differential) (Nom.)	50Ω
Unbalance Port VSWR	2.00 max. (Balance Port:at 50ohm)
Power Capacity	0.5W
Operating Temperature Range	-40℃ to 85℃
L x W (size)	2.00x1.25mm
Thickness(max.)	1.05mm

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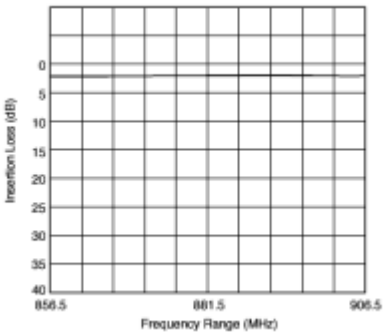
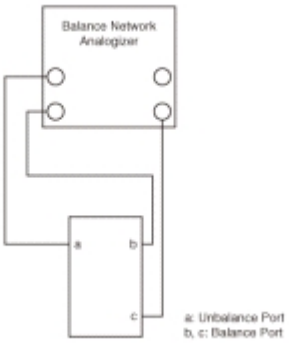
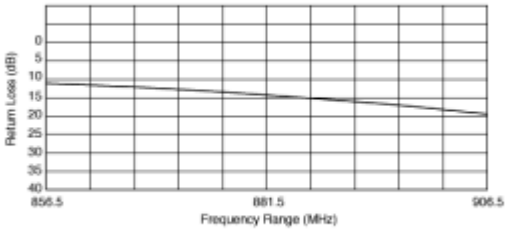
Product Data



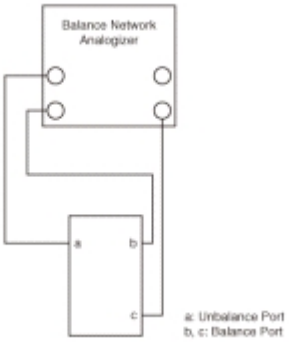
Insertion Loss Characteristics



Measurement Circuit of Insertion Loss



Characteristics of Unbalance Port VSWR



Measurement Circuit of Unbalance Port VSWR

Mouser Electronics

Authorized Distributor

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Murata:
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