Note: This datasheet may be out of date

 $\underline{ Please \ download \ the \ latest \ datasheet \ of \ LDB18869M10G-120 \ from \ the \ official \ website \ of \ Murata \ Manufacturing} }$

 $\underline{\text{Co., Ltd.}} \\ \text{https://www.murata.com/en-us/products/productdetail?partno=LDB18869M10G-120} \\$

LDB18869M10G-120



Center Frequency	869.50MHz
Frequency Range	824.00MHz to 915.00MHz
Insertion Loss I)	1.00dB max. (at 25°C)
Insertion Loss II)	1.10dB max. (-40 to +85°C)
Unbalance Impedance (Nom.)	50Ω
Balance Impedance (Differential) (Nom.)	100Ω
Unbalance Port VSWR	2.00 max. (Balance Port:at 100ohm)
Power Capacity	0.5W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.7mm

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering



URL: https://www.murata.com/

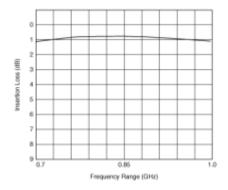
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LDB18869M10G-120



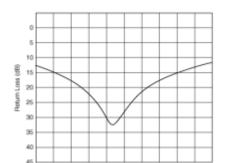


b С

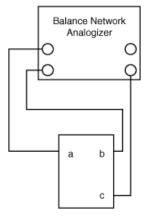
Balance Network Analogizer

> a : unbalance port b, c : balance port

Insertion Loss Characteristics



Measurement Circuit of Insertion Loss



a : unbalance port b, c : balance port

Characteristics of Unbalance Port VSWR

Frequency Range (GHz)

Measurement Circuit of Unbalance Port VSWR

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Attention

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