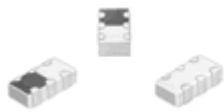


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[Environmental Activities](#)
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[Co](#)
[Home](#) > [Products Information](#) > [Products Catalog](#) > Multilayer chip balun transformers

## Multilayer chip balun transformers

### CHM1608U-F



(PDF:170kB)

#### Features

- Miniature size: 1.6□x0.8□x0.8mm.
- Application of DC bias can be done.
- Monolithic structure yields high reliability. (operating temperature range: -40~+85°C)
- Mounting area is small due to dual-in-line.
- RoHS compliant.

#### Applications

- Bluetooth
- 2.4GHz Wireless LAN

### CHM2012U-F4R0BD



**Under development**

#### Description

The CHM2012U-F4R0BD is a multilayer chip balun designed for UWB applications.

With a frequency range of 3.2 to 4.8GHz, it can be used for both DS and M-OFDM applications.

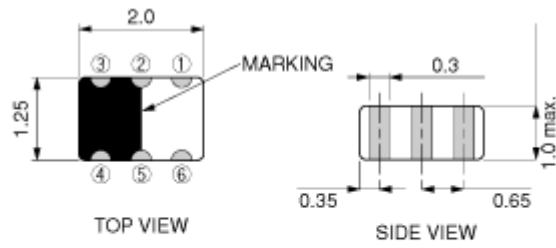
#### Features

- Compact and low profile: 2.0 x 1.25 x 1.0mm max.
- Low insertion loss.
- Application of DC bias can be done.
- RoHS compliant.

#### Specifications

Item	Temporary specifications
Insertion loss (3.2 ~ 4.8GHz)	0.8dB or less
Return loss (3.2 ~ 4.8GHz)	10dB or more
Impedance ratio	50 : 100 ohm
Operating temperature range	-40 ~ +85°C

## Dimensions



③	NC	②	GND	①	BALANCE
④	UNBALANCE	⑤	NC/DC feed	⑥	BALANCE

(単位: mm)