



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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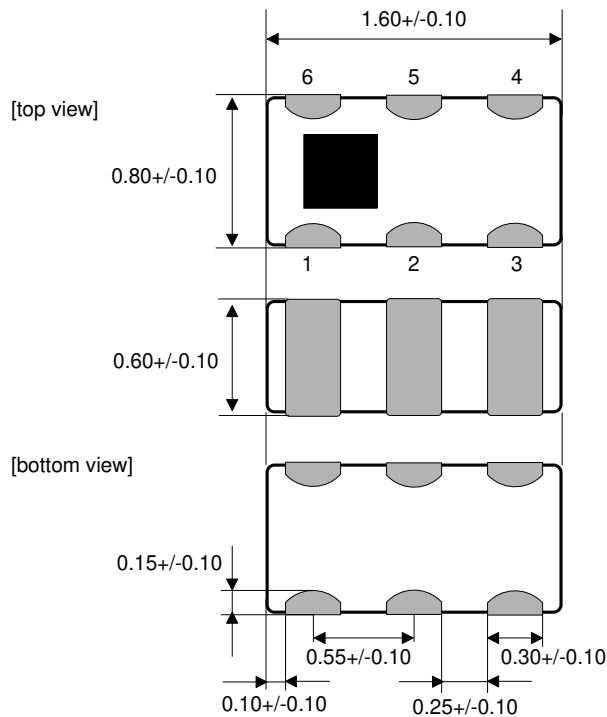
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# MULTILAYER BALUN SPECIFICATION

P/N: **HHM17152A1** For 698-894MHz

## [MECHANICAL DIMENSIONS]



### Pin configuration

1. Unbalanced Port
2. GND or DC feed+ RF GND
3. Balanced Port
4. Balanced Port
5. GND
6. N.C.

Unit : mm

## [ELECTRICAL CHARACTERISTICS]

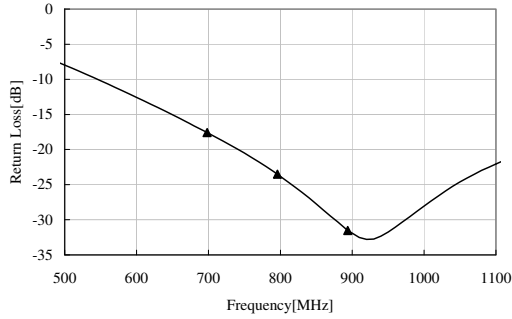
Unbalanced Impedance	50 ohm
Balanced Impedance	100 ohm
Frequency Range	698 - 894 MHz
Unbalanced Port Return Loss	10.0 dB Min.
Phase Imbalance at Balanced Port	180 +/- 10 deg
Amplitude Imbalance at Balanced Port	0 +/- 1.2 dB
Insertion Loss	1.2 dB Max.

## [TEMPERATURE RANGE]

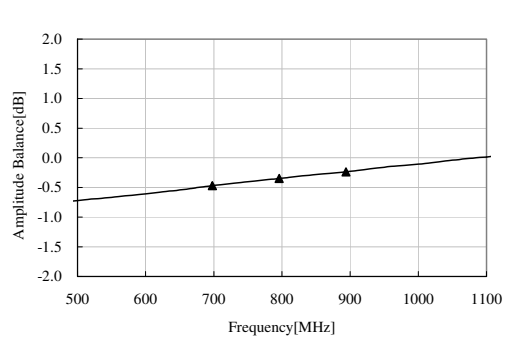
Storage Temperature	-40°C ~ +85°C
Operating Temperature	-40°C ~ +85°C

# [FREQUENCY RESPONSE]

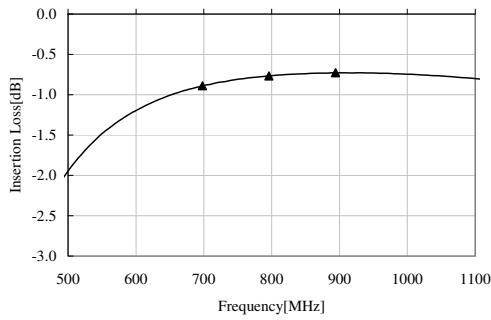
**Return Loss**



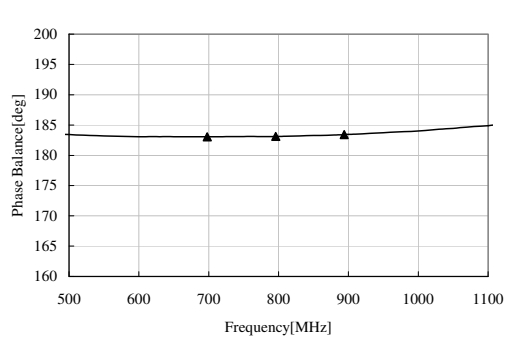
**Amplitude Balance**



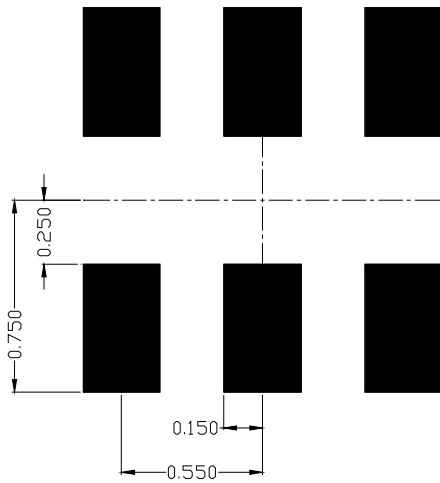
**Insertion Loss**



**Phase Balance**



# [RECOMMENDED LAND PATTERN]



Unit : mm