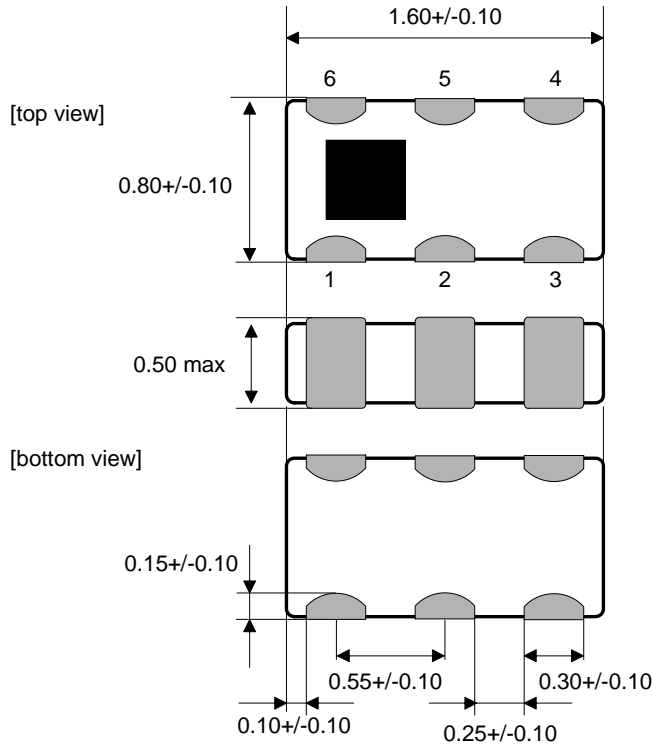


# MULTILAYER BALUN SPECIFICATION

P/N: **HHM17144A1** For 791-960MHz

## [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]

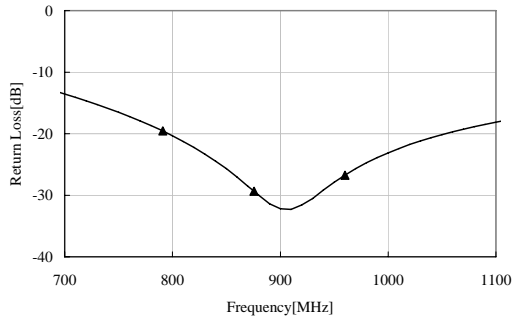
Unbalanced Impedance	50 ohm
Balanced Impedance	100 ohm
Frequency Range	791 - 960 MHz
Unbalanced Port Return Loss	10.0 dB Min.
Phase Imbalance at Balanced Port	180 +/- 10 deg
Amplitude Imbalance at Balanced Port	0 +/- 1.5 dB
Insertion Loss	1.2 dB Max.

## [TEMPERATURE RANGE]

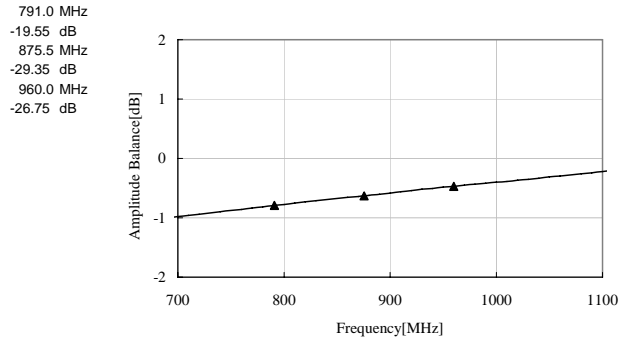
Storage Temperature	-40°C ~ +85°C
Operating Temperature	-40°C ~ +85°C

# [FREQUENCY RESPONSE]

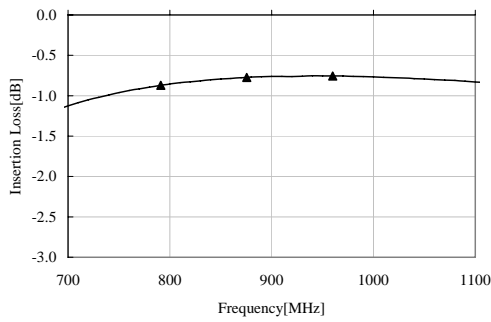
**Return Loss**



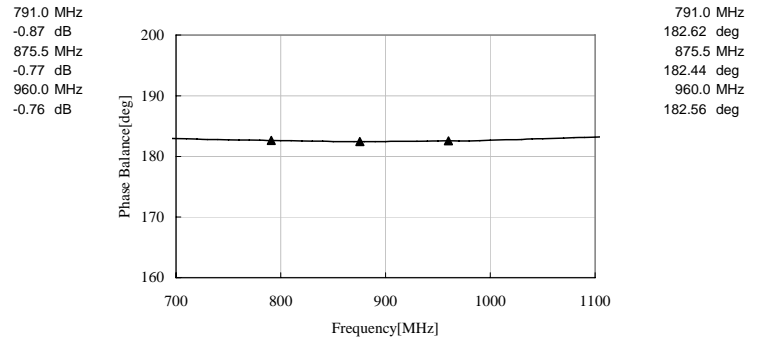
**Amplitude Balance**



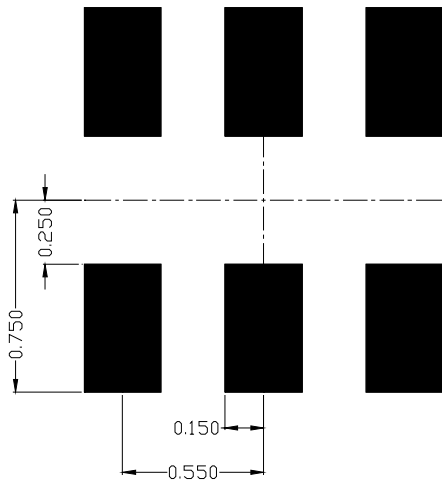
**Insertion Loss**



**Phase Balance**



# [RECOMMENDED LAND PATTERN]



Unit : mm