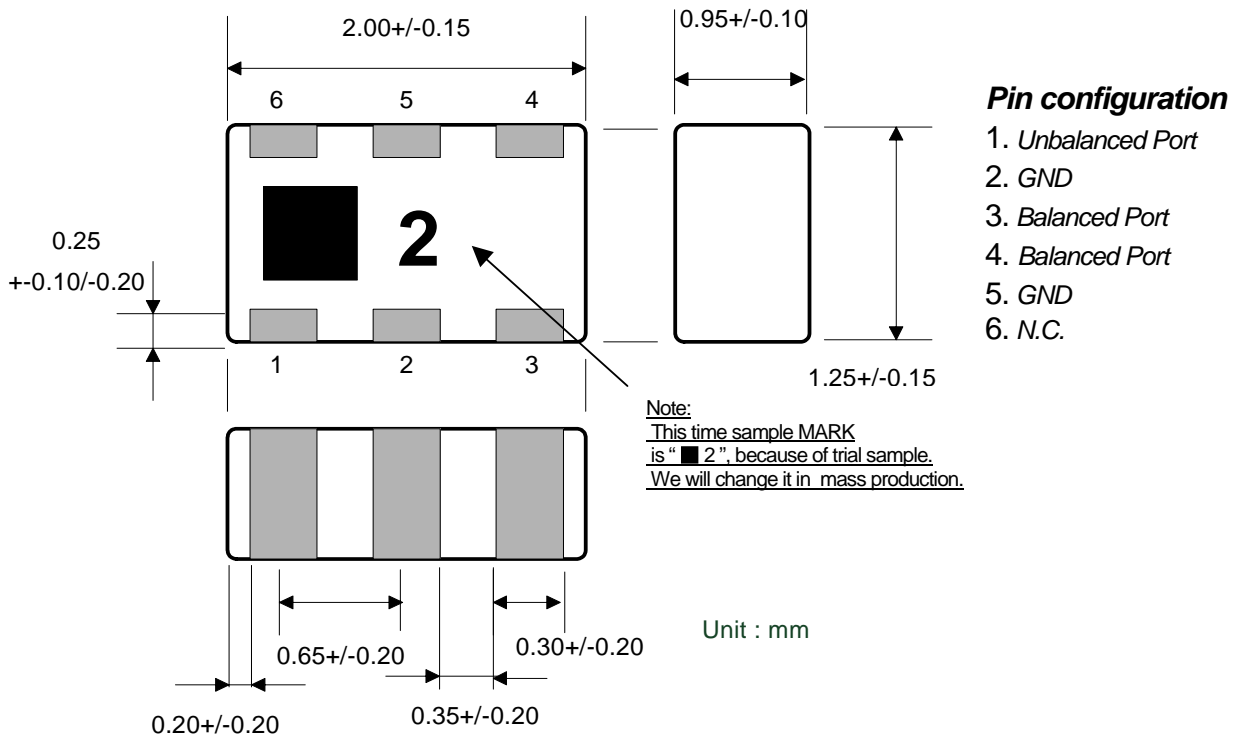


MULTILAYER BALUN SPECIFICATION

P/N: **HHM1595A1 For UWB**

[MECHANICAL DIMENSIONS]



[ELECTRICAL CHARACTERISTICS]

Unbalanced Impedance	50 ohm
Balanced Impedance	100 ohm
Frequency Range	3000 – 8000 MHz
Unbalanced Port Return Loss	8.0 dB min
Phase Imbalance at Balanced Port	180 +/- 20 deg
Amplitude Imbalance at Balanced Port	0 +/- 2.5dB
Insertion Loss	1.5 dB max

[TEMPERATURE RANGE]

Storage Temperature	-40 - +85 degreeC
Operating Temperature	-40 - +85 degreeC

[STANDARD PACKAGING QUANTITIES]

2000pcs./reel

Note: The above PRELIMINARY data are not guaranteed, and are subject to change without notice.

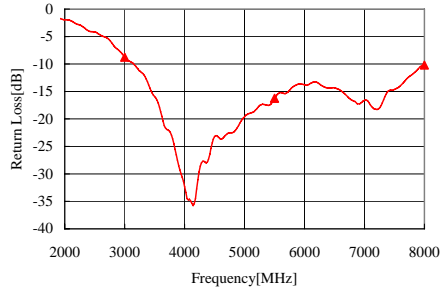
PRELIMINARY

[FREQUENCY RESPONSE]

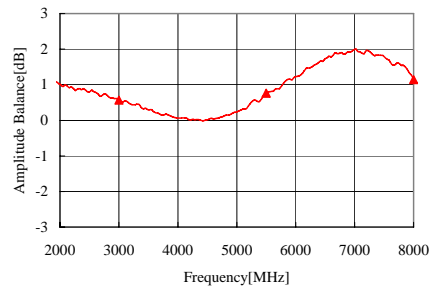
HHM1595A1(UNBALANCE 50ohm/BALANCE 100ohm)

TDK Corporation

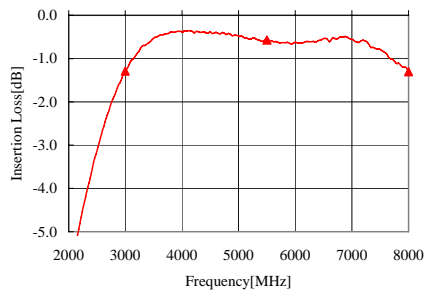
Return Loss



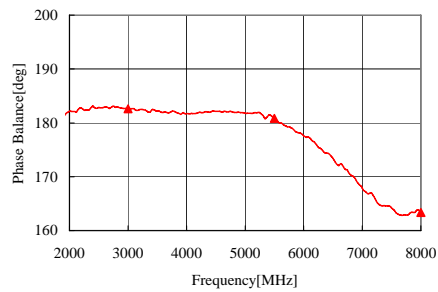
Amplitude Balance



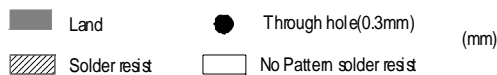
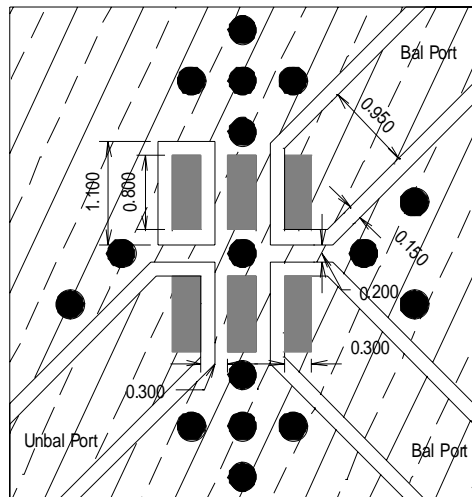
Insertion Loss



Phase Balance



[RECOMMENDED PCB PATTERN]



Line width be designed to match 50ohm characteristic impedance, depending on PCB material and thickness.

Note: The above PRELIMINARY data are not guaranteed, and are subject to change without notice.