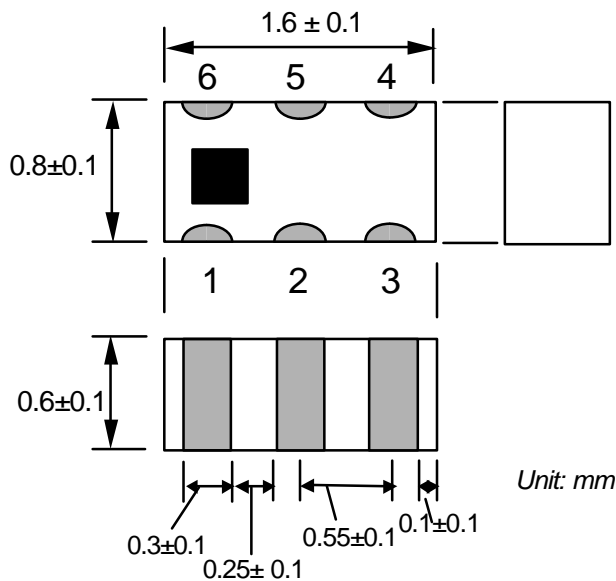


MULTILAYER BALUN SPECIFICATION

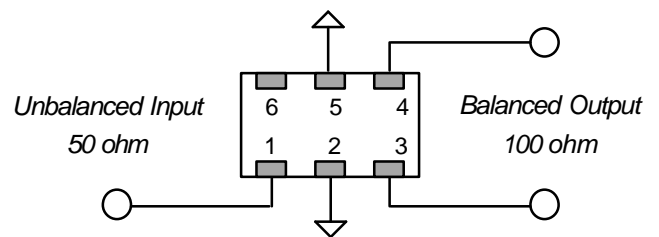
P/N: **HHM1730B** For W-LAN

[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.



[ELECTRICAL CHARACTERISTICS]

Unbalanced Impedance	50 ohm
Balanced Impedance	100 ohm
Frequency Range	5150 - 5875 MHz
Unbalanced Port Return Loss	10dB min.
Phase Imbalance at Balanced Port	180 ± 10 deg
Amplitude Imbalance at Balanced Port	0 ± 2.0 dB
Insertion Loss	1.0 dB Max.

[TEMPERATURE RANGE]

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

[STANDARD PACKAGING QUANTITIES]

4000pcs./reel

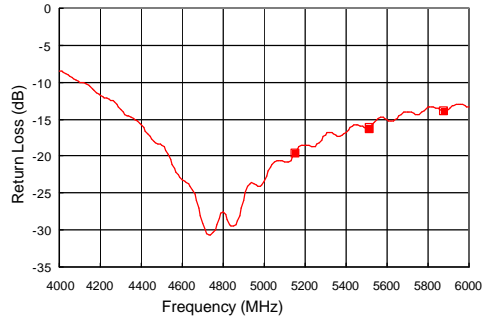
Note: The above PRELIMINARY data are not guaranteed, and are subject to change without notice.

[Frequency response]

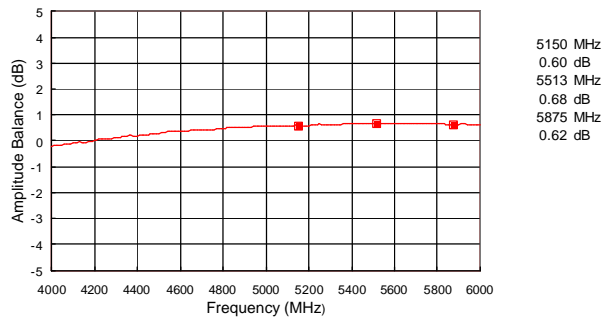
HHM1730B (UNBALANCE 50ohm/BALANCE 100ohm)

TDK Corporation

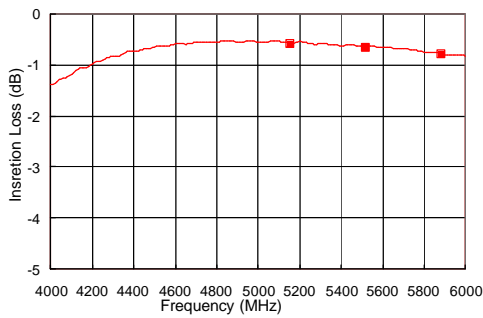
Return Loss



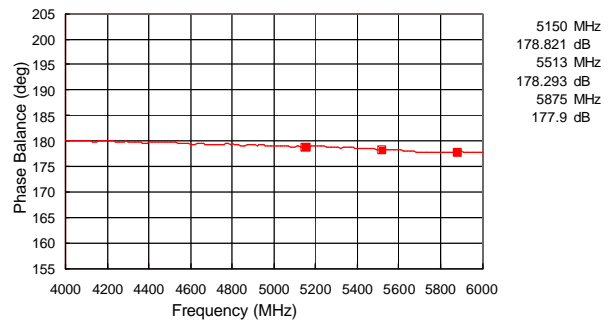
Amplitude Balance



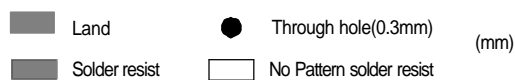
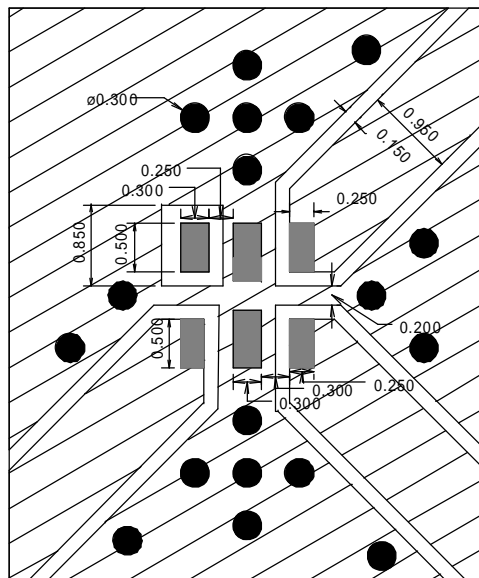
Insertion Loss



Phase Balance



[Recommended PCB Pattern]



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

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