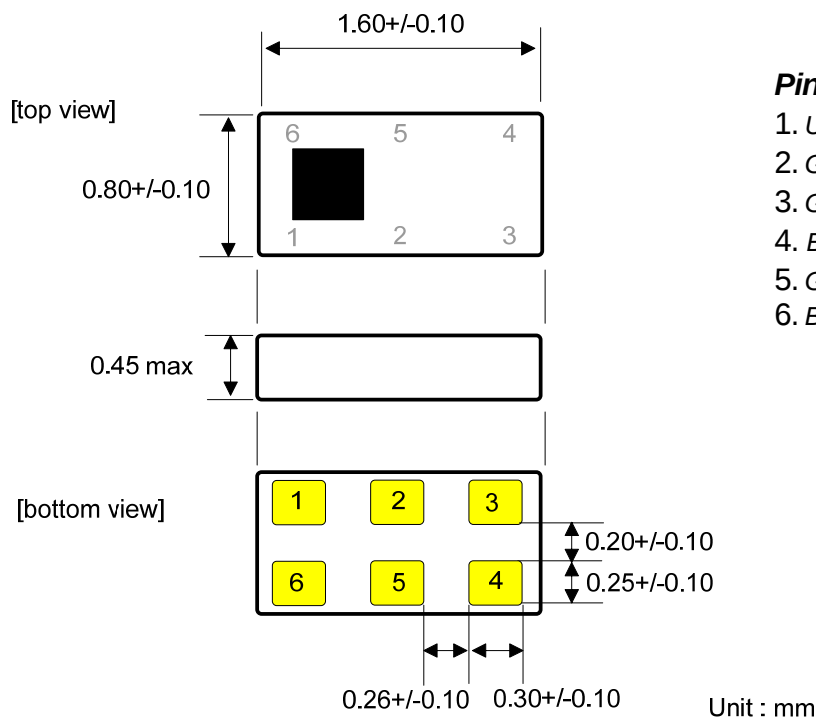


MULTILAYER BALUN SPECIFICATION

P/N: **HHM17125D1** For 2.4-2.5GHz

[MECHANICAL DIMENSIONS]

RoHS Compliance



Pin configuration

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

[ELECTRICAL CHARACTERISTICS]

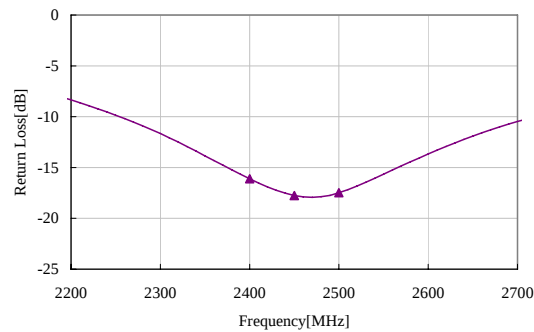
Unbalanced Impedance	50 ohm
Balanced Impedance	Matches Atheros IC
Frequency Range	2400 –2500MHz
Unbalanced Port Return Loss	10 dB min.
Phase Imbalance at Balanced Port	180 +20 / -10 deg
Amplitude Imbalance at Balanced Port	0 +1.2 / - 1.0 dB
Insertion Loss	1.3 dB Max.

[TEMPERATURE RANGE]

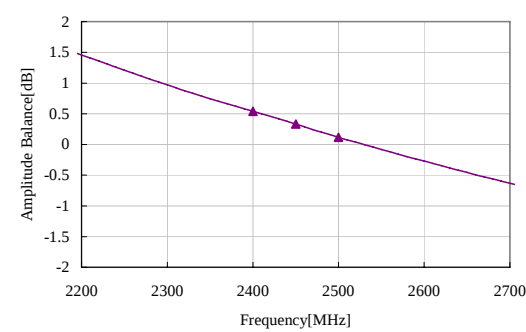
Storage Temperature	-40°C ~ +85°C
Operating Temperature	-40°C ~ +85°C

[FREQUENCY RESPONSE]

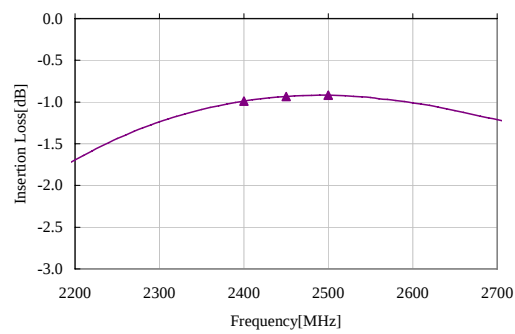
Return Loss



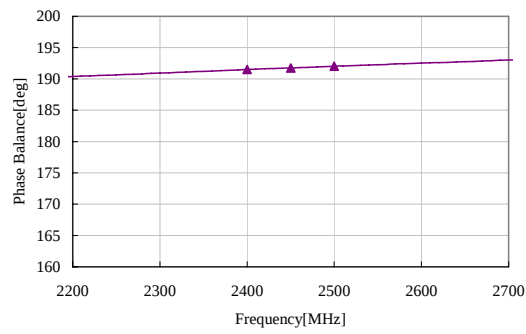
Amplitude Balance



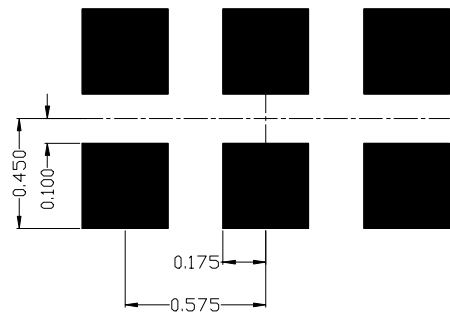
Insertion Loss



Phase Balance



[RECOMMENDED LAND PATTERN]



unit :mm

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