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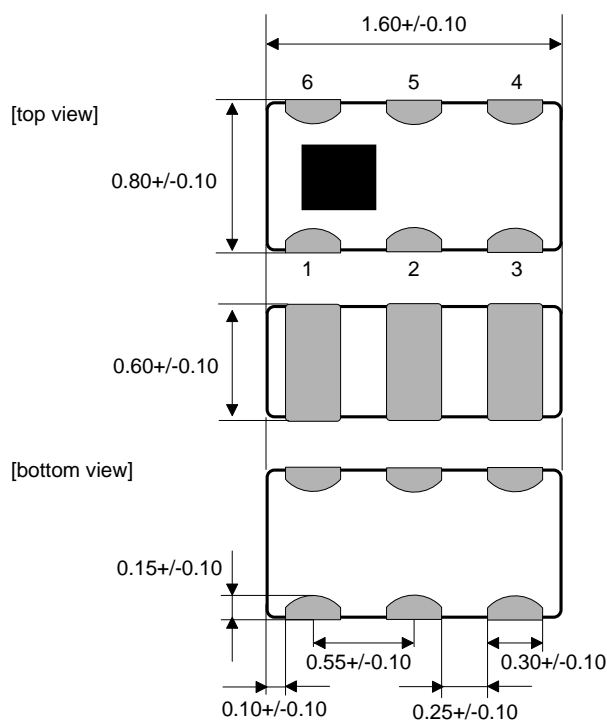
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MULTILAYER BALUN SPECIFICATION

P/N: **HHM17153A2** For 699-894MHz

[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 | 50 ohm |
| Frequency Range | 699- 894MHz |
| Unbalanced Port Return Loss | 10.0 dB Min. |
| Phase Imbalance at Balanced Port | 180 +/- 15deg |
| Amplitude Imbalance at Balanced Port | 0 +/- 2.5 dB |
| Insertion Loss | 1.5 dB Max. |

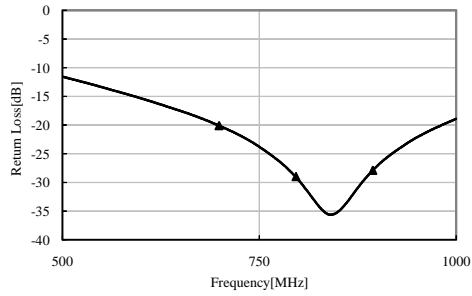
[TEMPERATURE RANGE]

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

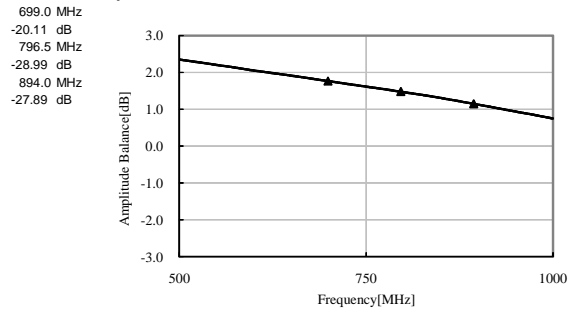
[FREQUENCY RESPONSE]

HHM17153A2(UNBALANCE 50ohm/BALANCE 50ohm)

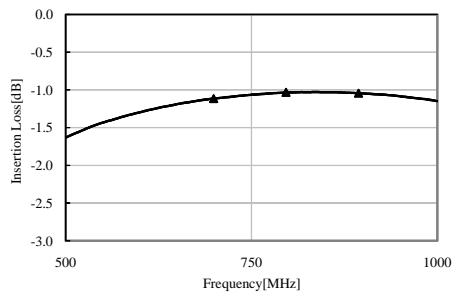
Return Loss



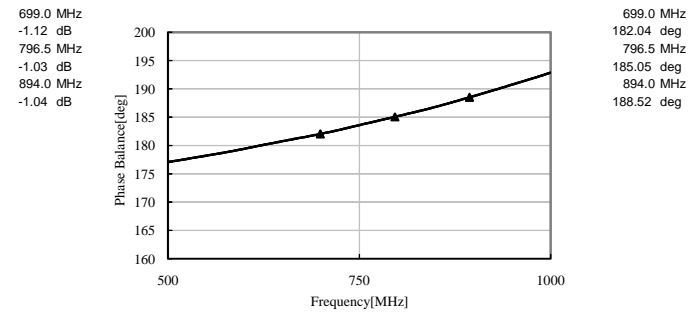
Amplitude Balance



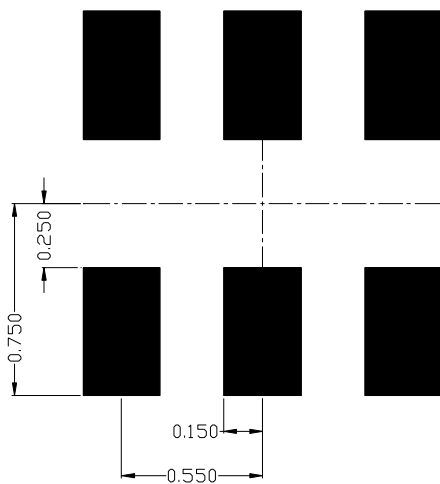
Insertion Loss



Phase Balance



[LAND PATTERN]



Unit : mm