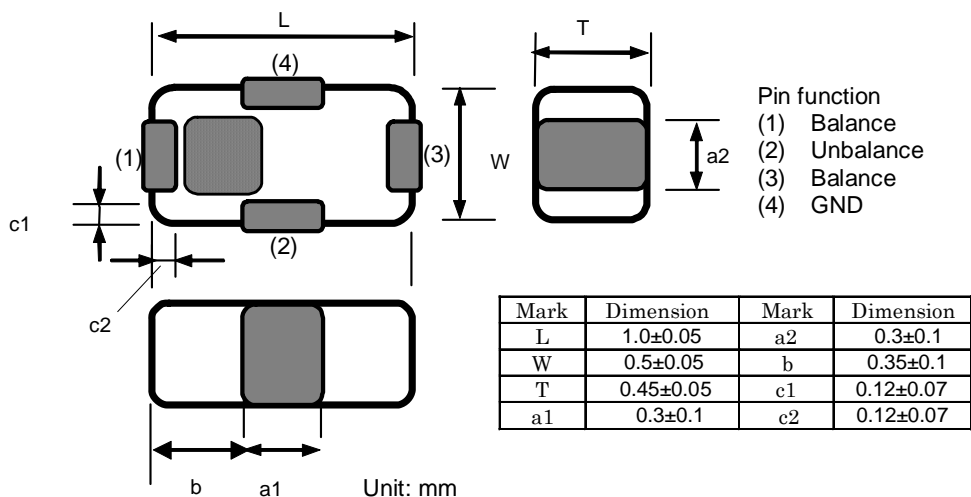


MULTILAYER BALUN SPECIFICATION

P/N: **HHM1942A3**

[MECHANICAL DIMENSIONS]



[ELECTRICAL CHARACTERISTICS]

| Item | Spec. | Typ. |
|--------------------------------------|--------------|----------|
| Unbalanced Impedance | 50 ohm | |
| Balanced Impedance | 100 ohm | |
| Frequency Range | 703–803MHz | |
| Unbalanced Port Return Loss | 10 dB min. | 14.75 dB |
| Phase Imbalance at Balanced Port | 180 ± 12 deg | 174 deg |
| Amplitude Imbalance at Balanced Port | 0 ± 2.0 dB | 1.06 |
| Insertion Loss | 0.8 dB Max. | 0.55 dB |

[TEMPERATURE RANGE]

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

[Weight]

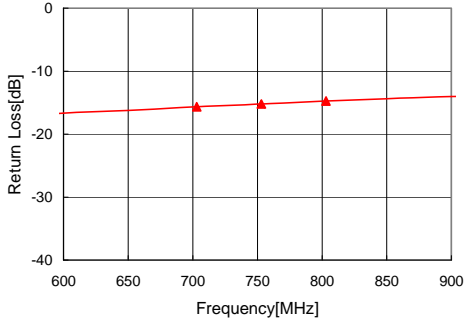
0.8mg

[FREQUENCY CHARACTERISTICS]

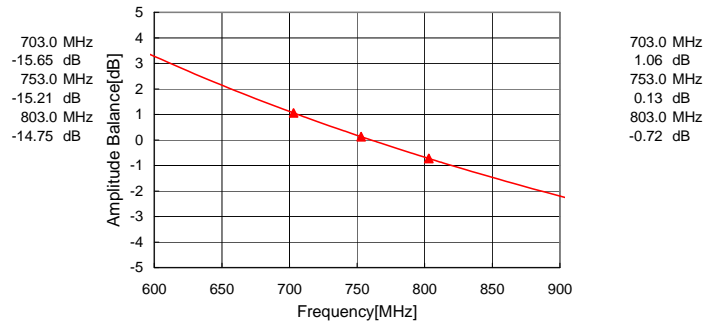
HHM1942A3 (UNBALANCE 50ohm/BALANCE 100ohm) Sample data

TDK-EPC Corporation
2013/May

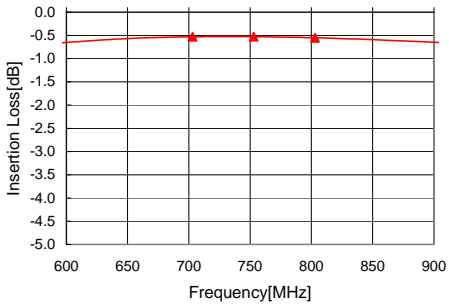
Return Loss



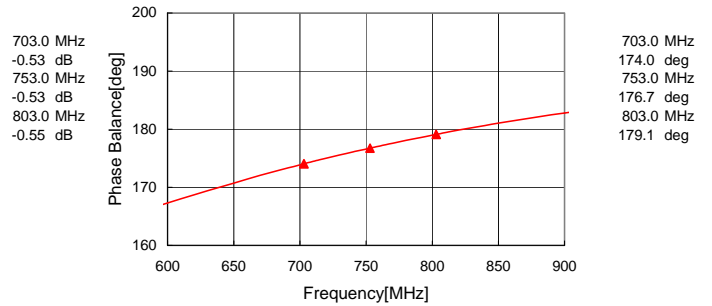
Amplitude Balance



Insertion Loss



Phase Balance



[RECOMMENDED LANDPATTERN]

