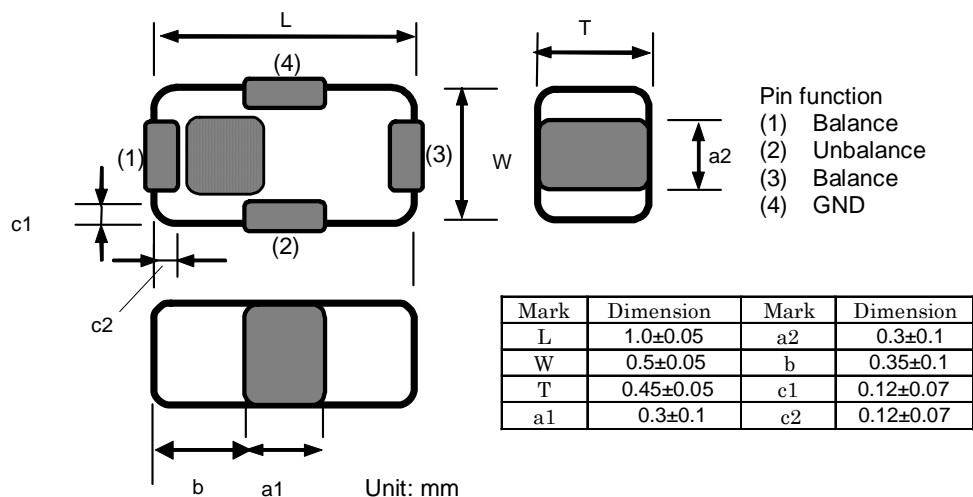


## MULTILAYER BALUN SPECIFICATION

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]

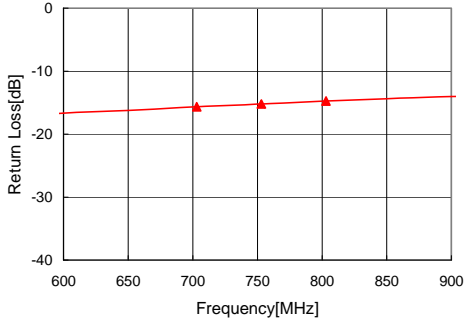
0.8mg

[FREQUENCY CHARACTERISTICS]

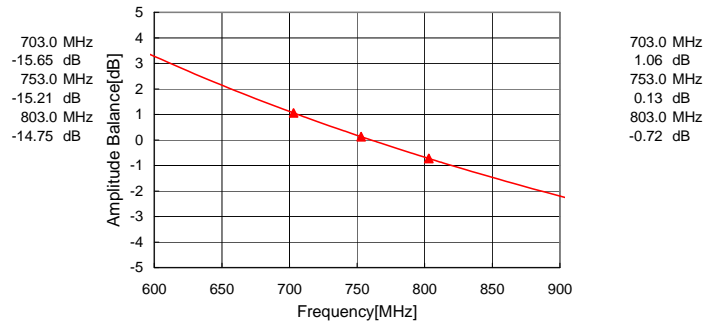
HHM1942A3 (UNBALANCE 50ohm/BALANCE 100ohm) Sample data

TDK-EPC Corporation  
 2013/May

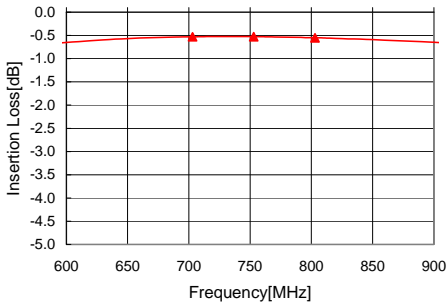
Return Loss



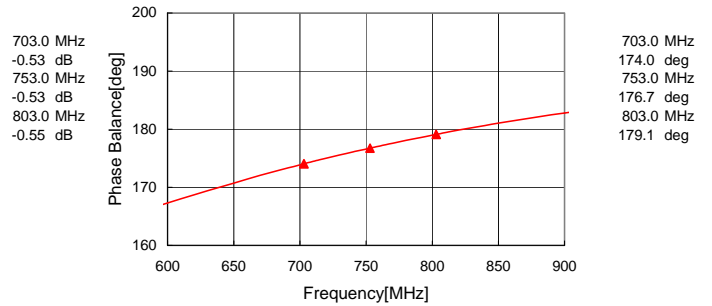
Amplitude Balance



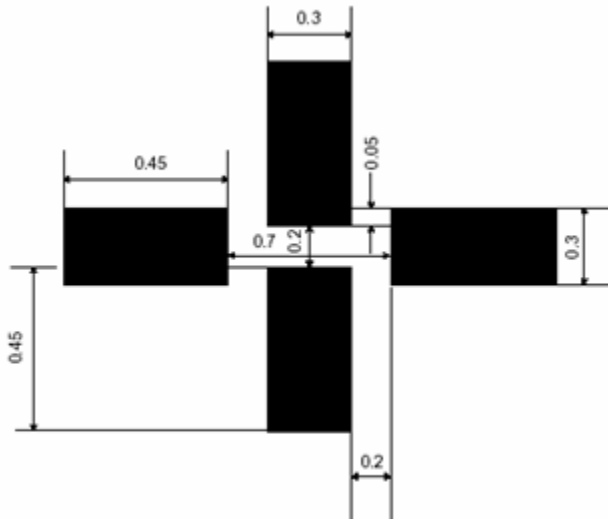
Insertion Loss



Phase Balance



[RECOMMENDED LANDPATTERN]



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