



Features

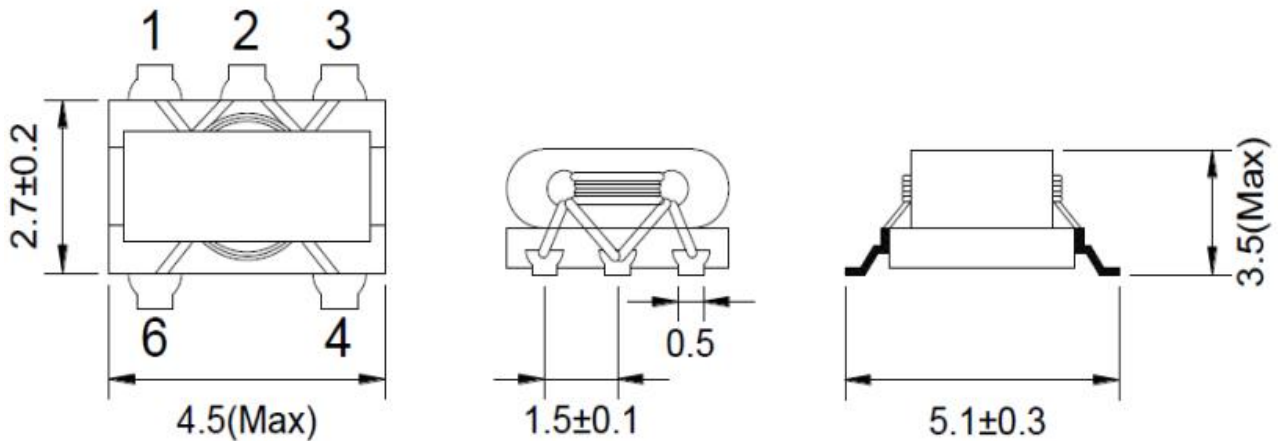
- Windings use paired wires for high uniformity
- Base pins are end processed to allow direct mounting on PCB.

- Excellent solderability and heat resistance.

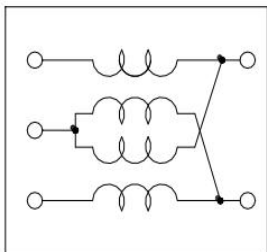
Application

- Double balance mixers, broad-band transformers, impedance transformers, etc.

Configurations & Dimensions

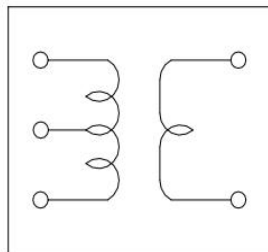


Schematic



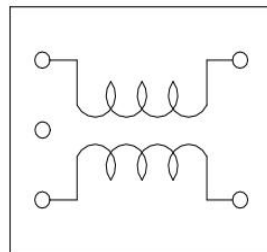
Double Balanced

Fig.1



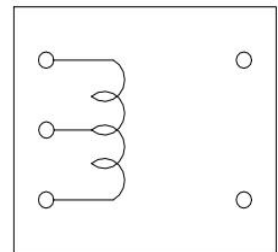
Mixer Transformer

Fig.2



Balun Transformer

Fig.3



Distributor

Fig.4

Balun Transformers HB 006 Series



Specifications HB006

Part Number	Winding Turns	Operating Frequency Range	Insertion Loss (dB)	Pin Connection Fig.
Double Balanced Mixer				
HB006-2T	2	25MHz~2000MHz	3dB Max	1
HB006-3T	3	6MHz~2000GHz	3dB Max	1
HB006-3T	3	150MHz~2300MHz	3dB Max	1
HB006-4T	4	3.5MHz~2000MHz	3dB Max	1
HB006-5T	5	2MHz~2000MHz	3dB Max	1
Frequency Mixer pri sec				
HB006-1T	1*2	1		
HB006-2T	2*2	2	8MHz~750MHz	3dB Max 2
HB006-3T	3*2	3	3.5MHz~700MHz	3dB Max 2
HB006-336T-1	3*2	6	3.0MHz~200MHz	2.5dB Max 2
HB006-226T	2*2	6	5.0MHz~200MHz	5.0dB Max 2
HB006-226T-1	2*2	6	5.0MHz~200MHz	4.5dB Max 2
HB006-228T	2*2	8	5.0MHz~85MHz	4.0dB Max 2
HB006-33T-1	3*2	3	5.0MHz~200MHz	6.5dB Max 2
Balun transformer				
HB006-1.5T	1.5	20Hz~750MHz	3dB Max	3
HB006-2.5T	2.5	4.5MHz~3300MHz	3dB Max	3
HB006-3.5T	3.5	2.3MHz~2700MHz	3dB Max	3
HB006-4.5T	4.5	1.5MHz~2400MHz	3dB Max	3