

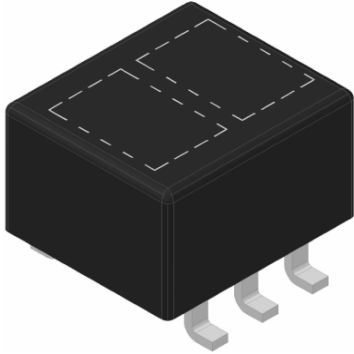
# Balun Transformer

0.3-200MHz

P/N: BT501 DATA SHEET



## Feature

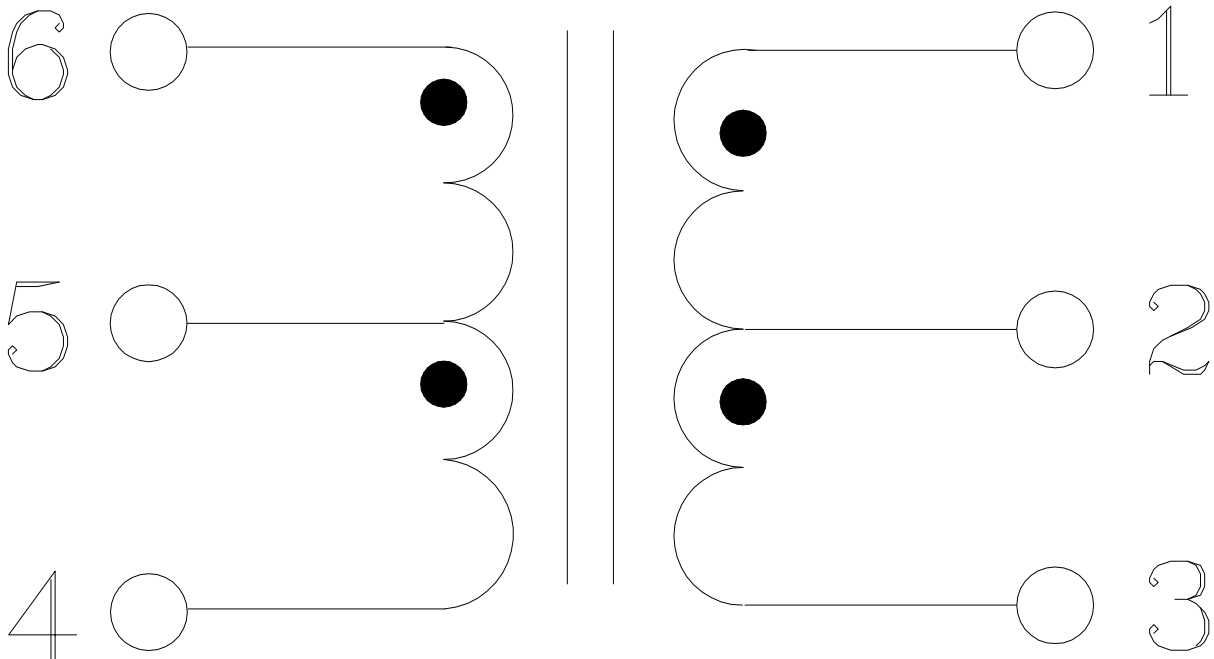


- Surface Mount
- 1:1 Impedance.
- Centre tap on secondary
- Reflow reflow to IPC/JEDEC J-STD-020D standard
- Complying with ROHS
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C.

## Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		Insertion Loss (dB Max)			HI-POT	Return Loss (dB Min) @ Load 75Ω		
	1-3	6-4	0.3-5MHz	5-120MHz	120-200MHz	Primary: Secondary (Vrms)	0.3-5MHz	5-120MHz	120-200MHz
BT501	1:1	1:1	-1.5	-1.0	-2.0	1500	-9	-15	-10

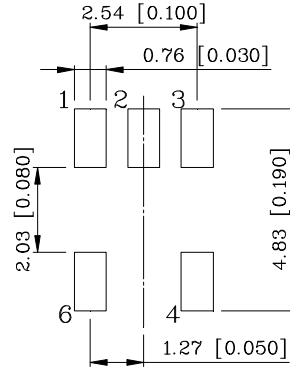
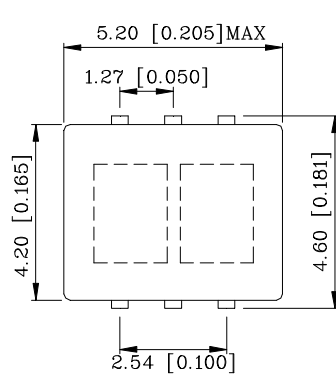
## Schematic



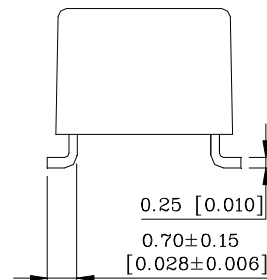
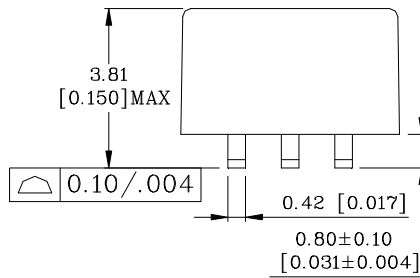
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**0.3-200MHz**  
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**Mechanical**

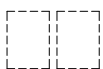


SUGGESTED PAD LAYOUT



Units: mm [Inches] Tolerances: xx.x0 ± 0.25 [0.010]  
 0.xx ± 0.05 [0.002]

**Remak:**



: production cycle, For example: 01=First week