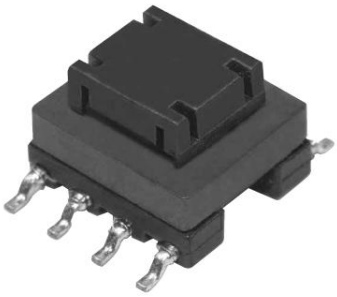
Transformer for BCM94706NR

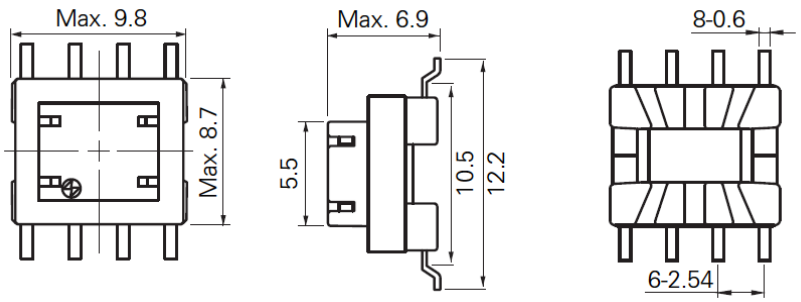
CEEH96

Descriptions

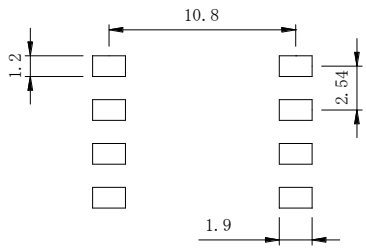


- Size (Max.):L×W×H 9.8×8.7×6.9mm
- In addition to the typical versions of parameters shown here, custom parameters are available to meet your exact requirements.
- Max. operating frequency 1MHz.
- Max. operating power 3.0W(300kHz)
- Approved by Broadcom (BCM94706NR) and Alcatel.
- 802.11n gigabit AP/Router reference design. Intensi-fi 802.11n GbE processor.
- Ideally used in portable equipment, IP phone, LCD TV, Video camera.
- RoHS Compliance
- Sumida Type name : CEEH96

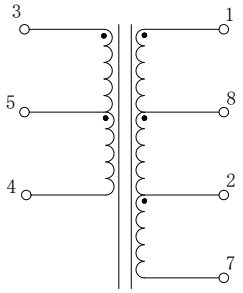
Dimensions (mm [inch])



Land patterns (mm [inch])



Schematic (Bottom View)



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Electrical characteristics

Part No.	Item	Inductance (3-4)		Leakage inductance	Turns ratio 100kHz, & 0.1Vac.			
C8100	Specifications	Max. 3.38μH	Min. 2.7μH	Max. 0.16μH	1.03 (±7%)	1.04 (±7%)	2.77 (±7%)	2.75 (±7%)
	Testing conditions	100kHz 0.1Vac @20℃	6.0Adc for 0.25 sec. 100kHz 0.1Vac @25℃	100kHz, 0.1Vrms (3-4) STRAP 1,2,7,8	(1-8):(2-7)	(1-8):(8-2)	(1-8):(3-5)	(1-8):(5-4)

Part No.	Item	D.C.R. 20℃					Breakdown voltage for 2 seconds	
C8100	Specifications	Max. 0.44Ω	Max. 0.48Ω	Max. 0.52Ω	Max. 0.06Ω	Max. 0.07Ω	Min.500Vrms	Min.500Vrms
	Testing conditions	(1-8)	(8-2)	(2-7)	(3-5)	(5-4)	1,2,7,8 to 3,4,5,6 & core	1,2,7,8 & core to 3,4,5,6

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