

# MULTILAYER CHIP BALUN

AMCB21



RoHS  
Compliant



2.0 x 1.25 x 0.85mm

## FEATURES:

- Phase difference of  $180 \pm 10$  degrees
- Amplitude difference of 0.5 dB max
- Can simplify the complex tuning and circuit design
- Low insertion loss and high attenuation
- Small size SMD chip design

## APPLICATIONS:

- WLAN, Bluetooth, GSM
- Wireless Communication

## STANDARD SPECIFICATIONS:

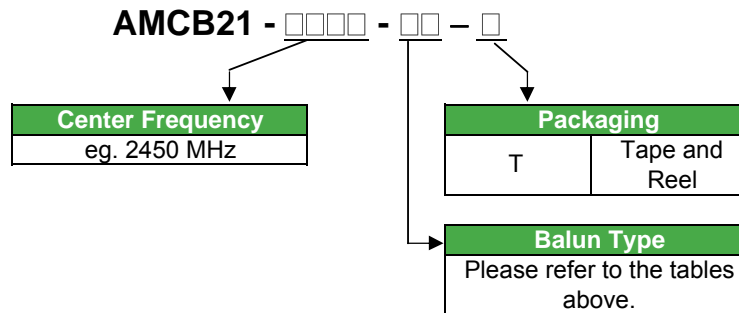
### PARAMETERS

ABRACON P/N:	AMCB21
Operating temperature:	-25°C to + 85°C
Storage temperature:	-55°C to + 125°C

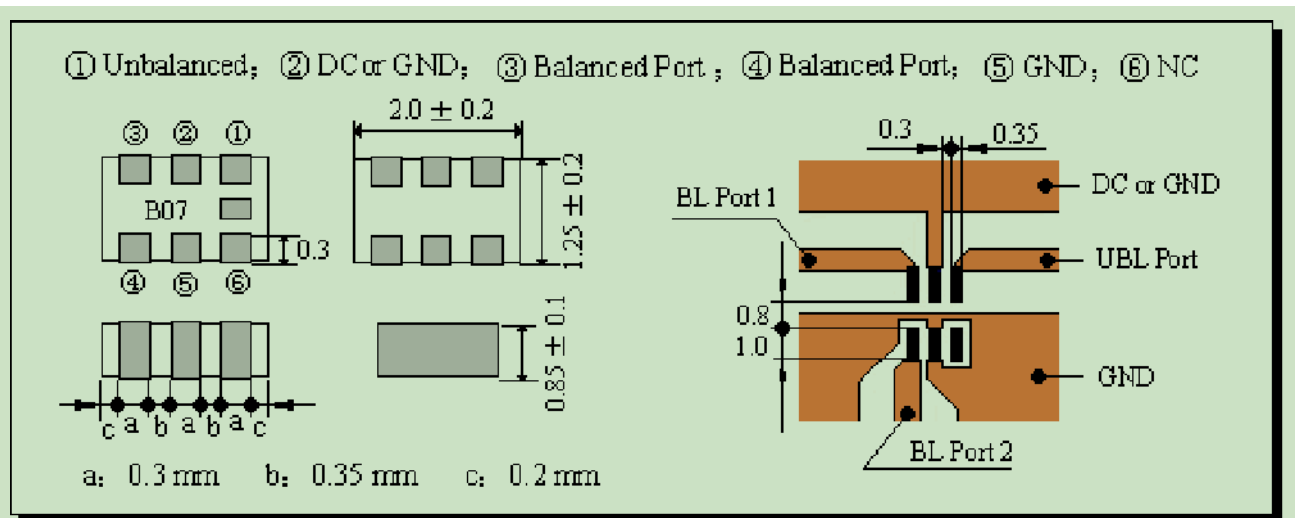
Part No.	AMCB21-2450-01
Unbalance Port Impedance	50Ω
Balance Port Impedance	100Ω (50Ω+50Ω)
Frequency Range	2400~2500MHz
Insertion Loss	≤1.2dB
Center Frequency	2450MHz
V.S.W.R at Unbalance Port (in BW)	≤2.0 (2400~2500 MHz)
Amplitude Difference	≤0.5dB
Phase difference	180±5 Deg.

## OPTIONS AND PART IDENTIFICATION:

(Left blank if standard)



## OUTLINE DRAWING:



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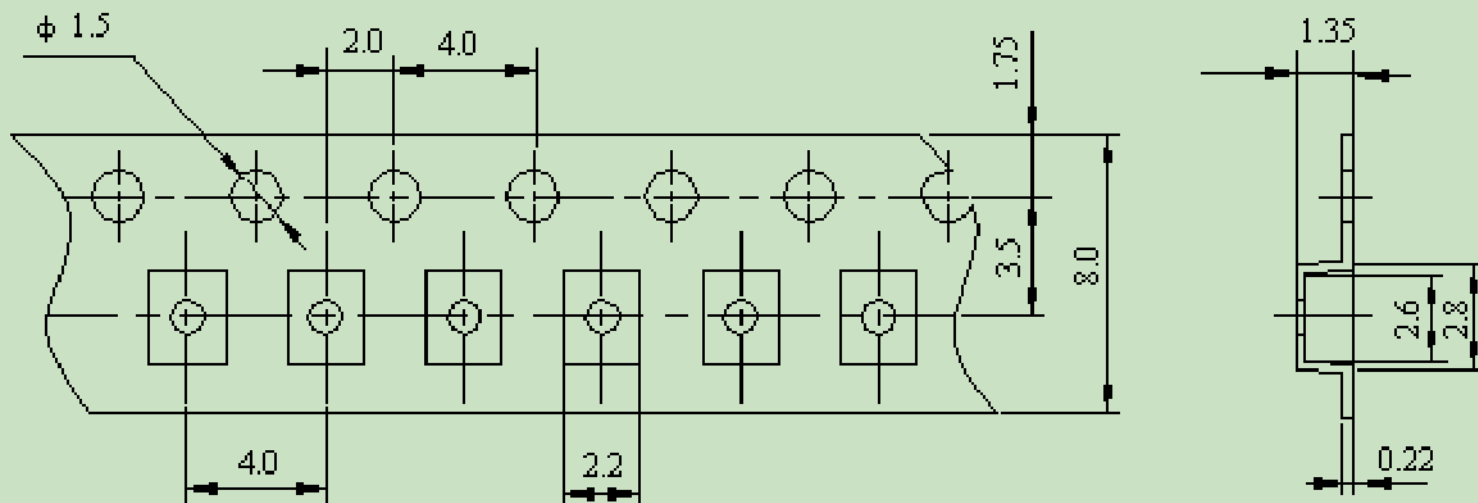
AMCB21



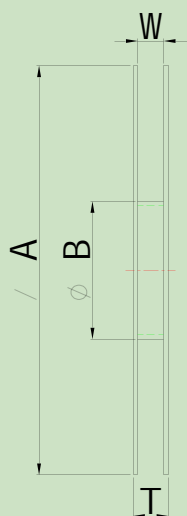
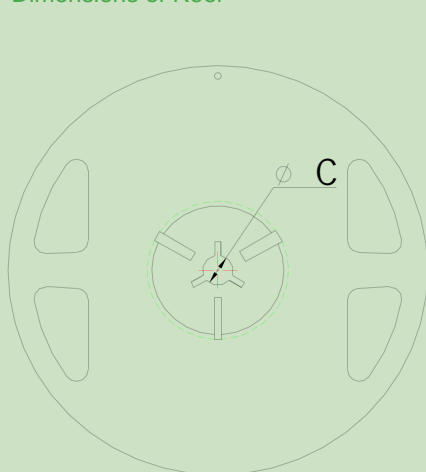
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TAPE & REEL: Tape and reel 2,500pcs/reel

## Dimensions of Tape



## Dimensions of Reel



	mm
A	178±2
B	60±2
C	13.0±0.5
W	10.0±1.15
T	12.0±1.0

Dimensions: mm