Features

■ SMD gull-wing (two sizes)
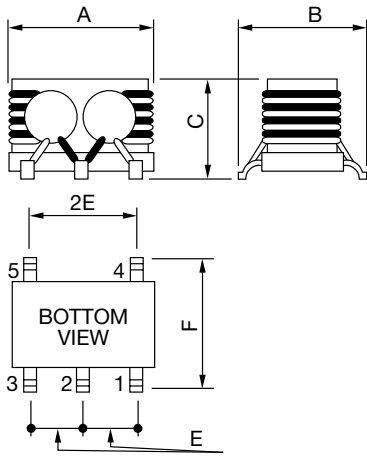■ High frequency
■ Low Z tolerance ±10%

Applications

■ Single antenna systems
■ Master antenna systems
■ Wideband communication systems
■ SAT-systems
■ Digital satellite broadcasting
■ Used in antenna amplifiers

BRN Series - Chip Balun Transformers

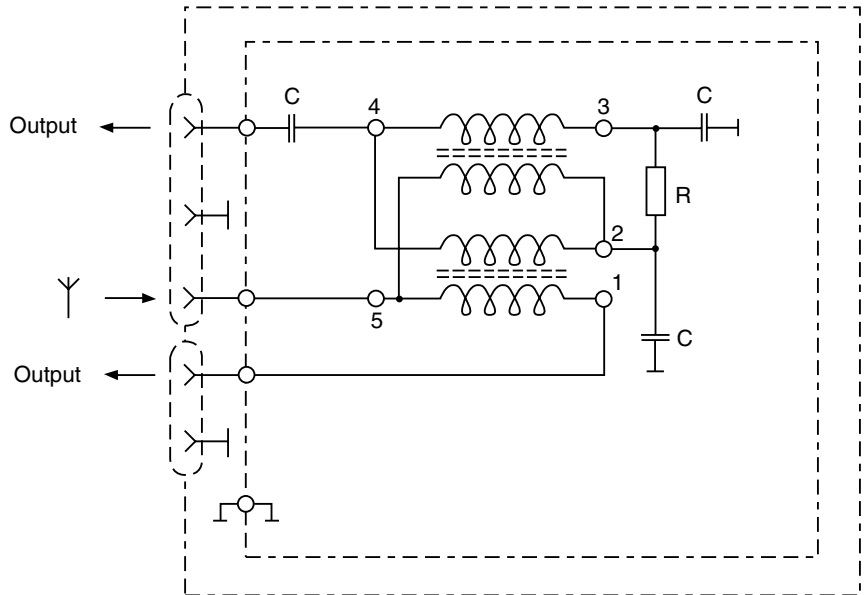## Dimensions

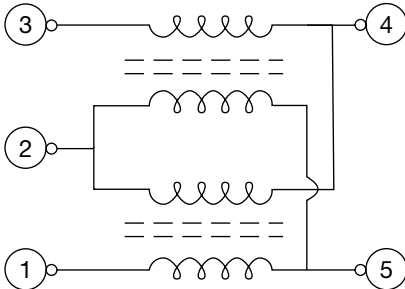|	A	B	C	E	F
BRN-SBC-108	6.0 ±0.3 (.236±.012)	6.5 ±0.5 (.256±.020)	4.2 ±0.5 (.165±.020)	2.0 ±0.2 (.079±.008)	5.8 ±0.3 (.228±.012)

Configuration

DIMENSIONS ARE: $\dfrac{\text{METRIC}}{\text{(INCHES)}}$

Schematic

Direct distribution of high frequency energy by directional couplers

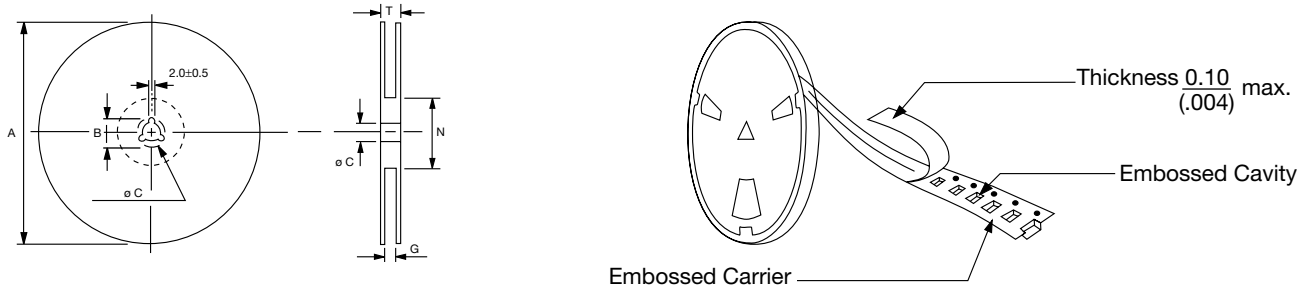## Electrical Data Z (4-5)

BRN-SBC-108

    47 MHz.......................................160Ω
    230 MHz....................................270Ω
    470 MHz....................................275Ω
    860 MHz....................................290Ω

Chip Balun Transformer Packaging Specifications

BOURNS®

Packaging Specifications

Thickness $\frac{0.10}{(.004)}$ max.

Embossed Cavity

Embossed Carrier

Reel Dimensions

Model	Tape Size	A	B	C	G	N	T	Packaging
BRN-SBC-108	$\frac{16}{(.63)}$	$\frac{178}{(7.008)}$	$\frac{24.0 \pm 1}{(.945 \pm .039)}$	$\frac{13.0 \pm 0.5}{(.512 \pm .020)}$	$\frac{18}{(.709)}$	$\frac{50^{-0}}{(1.969^{-0})}$	$\frac{22.4}{(.882)}$	500 pcs. per Reel

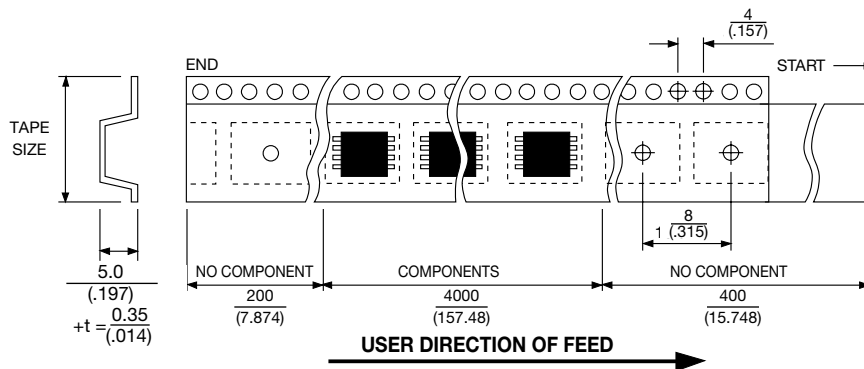DIMENSIONS ARE: $\frac{\text{METRIC}}{\text{(INCHES)}}$

Strength Of Cover Tape

165° TO 180°

TOP COVER TAPE

BASE TAPE
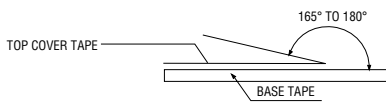
The force for tearing off cover tape is 10 to 130 grams in the arrow direction.

Materials

Paper
Plastics

TAPE SIZE

$\frac{4}{(.157)}$

END

START →

$\frac{5.0}{(.197)}$

+t = $\frac{0.35}{(.014)}$

$\frac{8}{1\ (.315)}$

NO COMPONENT
$\frac{200}{(7.874)}$

COMPONENTS
$\frac{4000}{(157.48)}$

NO COMPONENT
$\frac{400}{(15.748)}$

USER DIRECTION OF FEED

X-ON Electronics

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