

BWSP Series



Air core inductors feature high current handling. Solder coated leads ensure reliable soldering.

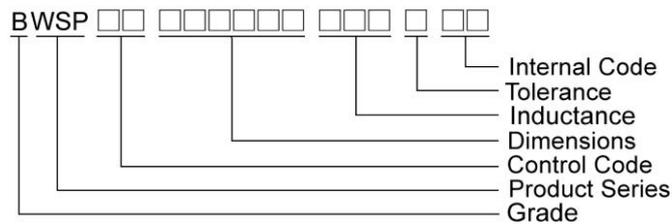
Features

- High Current

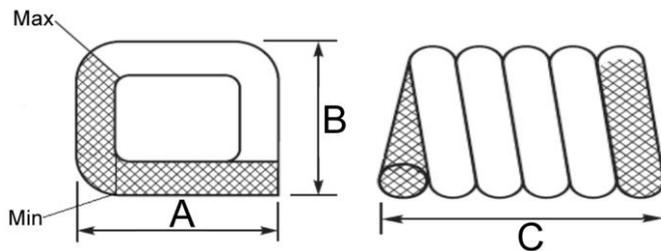
Applications

- For high frequency applications in the RF, microwave and millimeter wave frequencies.

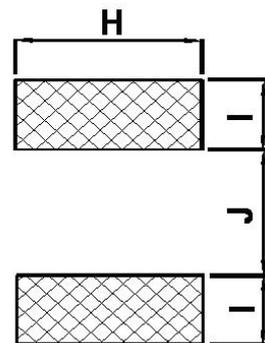
Product Identification



Shape and Dimensions



Recommended Pattern



Dimensions mm

	A	B	C	H	I	J
BWSP00212133	2.1 ^{+0.15} _{-0.20}	2.1 ^{+0.25} _{-0.20}	3.3±0.2	3	1	2

Air Core Inductors - BWSP Series

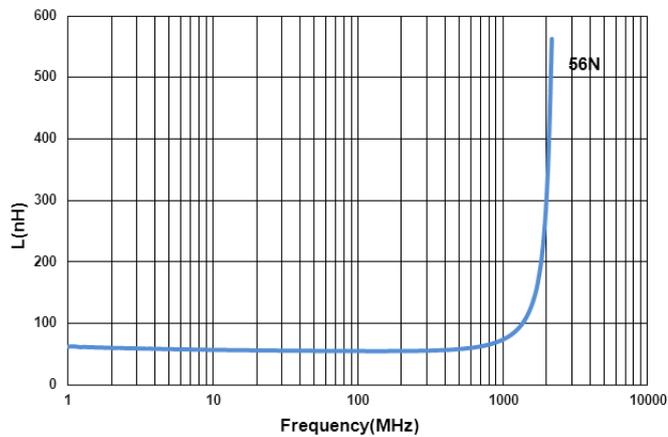
Electrical Characteristics

Part Number	Inductance (nH)	Tolerance (±%)	Test Frequency (MHz)	RDC (mΩ) Max	Rated Current (A) Max
BWSP0021213356N□00	56	5 / 10	180	16	2.4

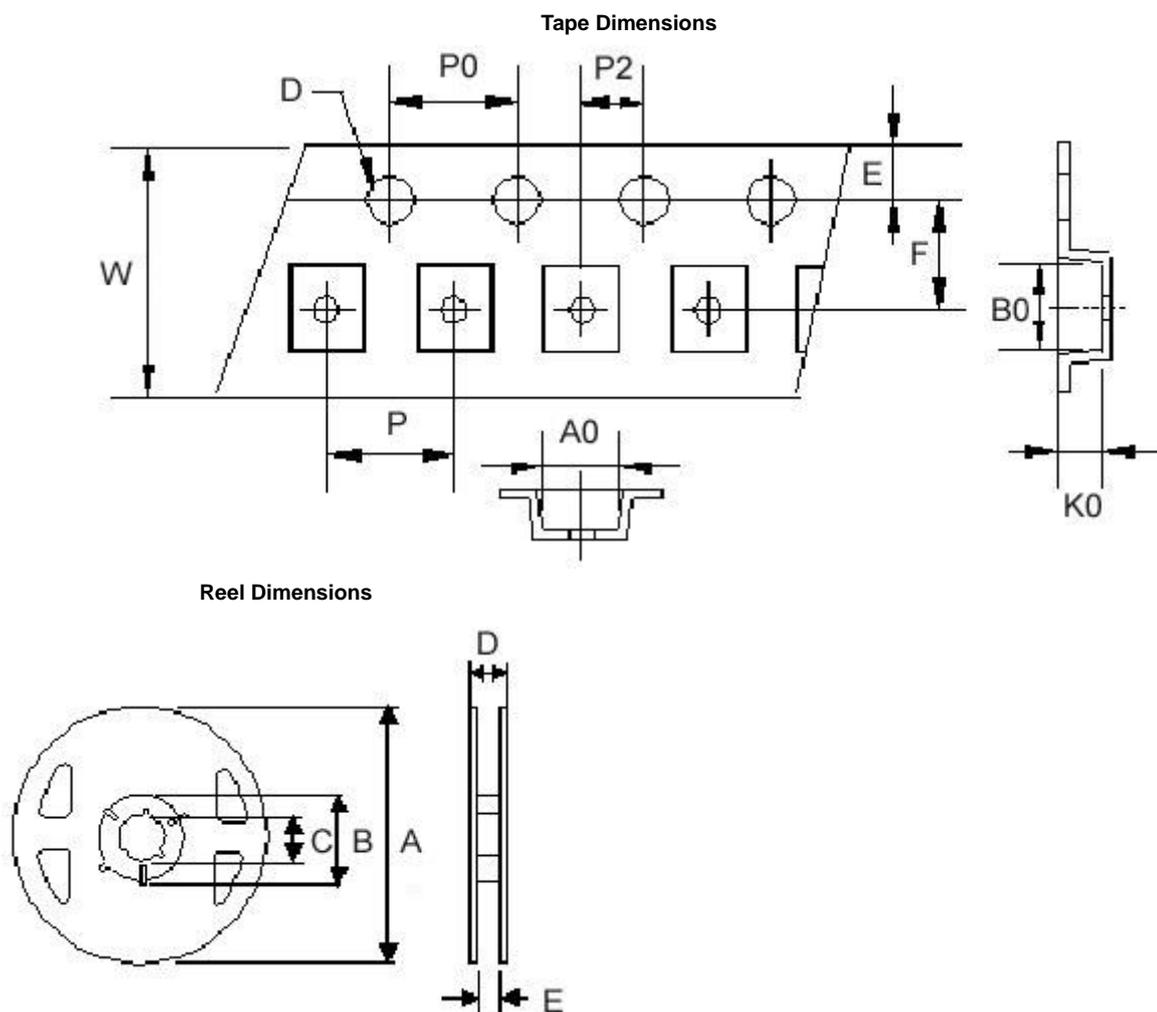
Note: When ordering, please specify tolerance code. Tolerance: G=±2% , J=±5%

- Operating temperature range - 40°C ~ 125°C(Including self - temperature rise)
- Rated current for a 40°C temperature rise from 25°C ambient.
- Measure Equipment :
 - L : Agilent HP4287A+Agilent HP16197A
 - RDC: Chroma 16502 or equivalent

Typical **L** vs. **F** Frequency



Packaging Specifications



Dimensions in mm

TYPE	Tape Dimensions						Reel Dimensions					Quantity PCS / Reel				
	A0	B0	K0	D	E	F	W	P	P0	P2	A		B	C	D	E
BWSP00212133	2.43	2.80	2.18	1.5	1.8	5.5	12	4	4	2	180	60	13	14.4	8.4	2000