

HIGH FREQUENCY MULTILAYER CHIP BEAD

ACHB-0402



RoHS
Compliant



1.0 x 0.5 x 0.5mm

FEATURES:

- High frequency noise countermeasure
- Multilayer monolithic construction yields high reliability
- Suitable for ultra high speed circuit

APPLICATIONS:

- Computer mobile communication system product
- Noise suppression in ultra high spec circuit

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N:	ACHB-0402x-xxx Series
Operating temperature:	-55°C to + 125°C
Storage temperature:	-55°C to + 125°C

Part Number	Z (Ω), $\pm 25\%$ @100MHz	RDC Ω Max	I _r mA Max
ACHB-0402S-121	120	0.7	300
ACHB-0402S-221	220	0.9	300
ACHB-0402S-301	300	1.2	200
ACHB-0402S-601	600	1.5	100
ACHB-0402K-121	120	1	300
ACHB-0402K-221	220	1.3	300
ACHB-0402K-301	300	1.5	200
ACHB-0402K-601	600	1.9	100

I_r is the rated current applied when the chip surface temperature rise 20°C

OPTIONS AND PART IDENTIFICATION:

(Left blank if standard)

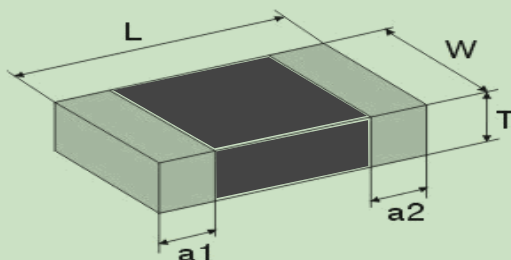
ACHB - 0402 - -

Material Code
S
K

Packaging	
T	Tape and Reel

Impedance
Please refer to the tables above.

OUTLINE DRAWING:



Length (L)	0.04±0.006 (1.00±0.15)
Width (W)	0.02±0.006 (0.50±0.15)
Thickness (T)	0.02±0.006 (0.50±0.15)
a1,a2 (BW)	0.01±0.004 (0.25±0.10)

Dimension: Inches (mm)

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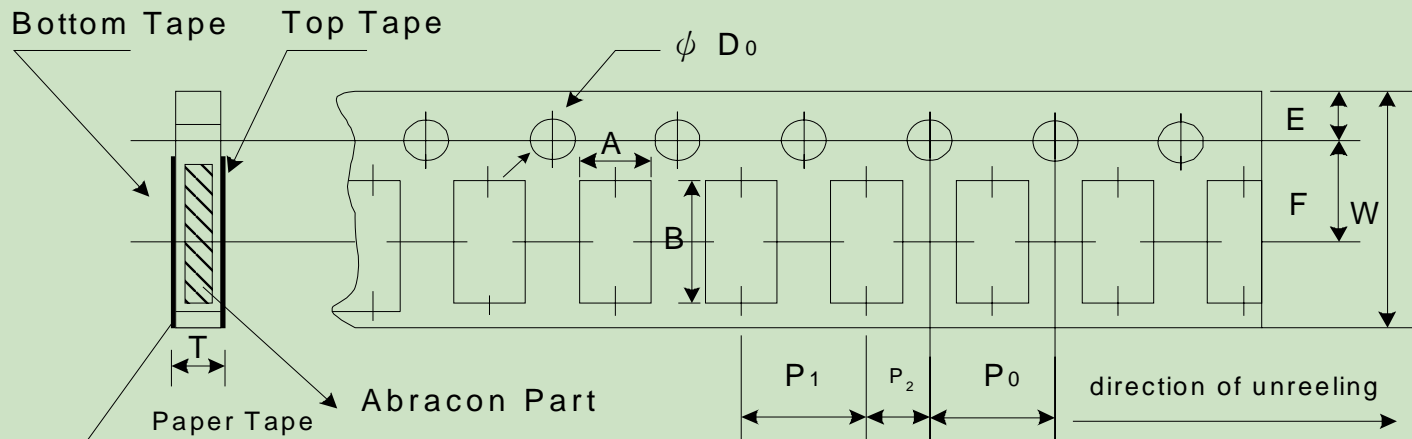
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TAPE & REEL: Tape and reel 10,000pcs/reel

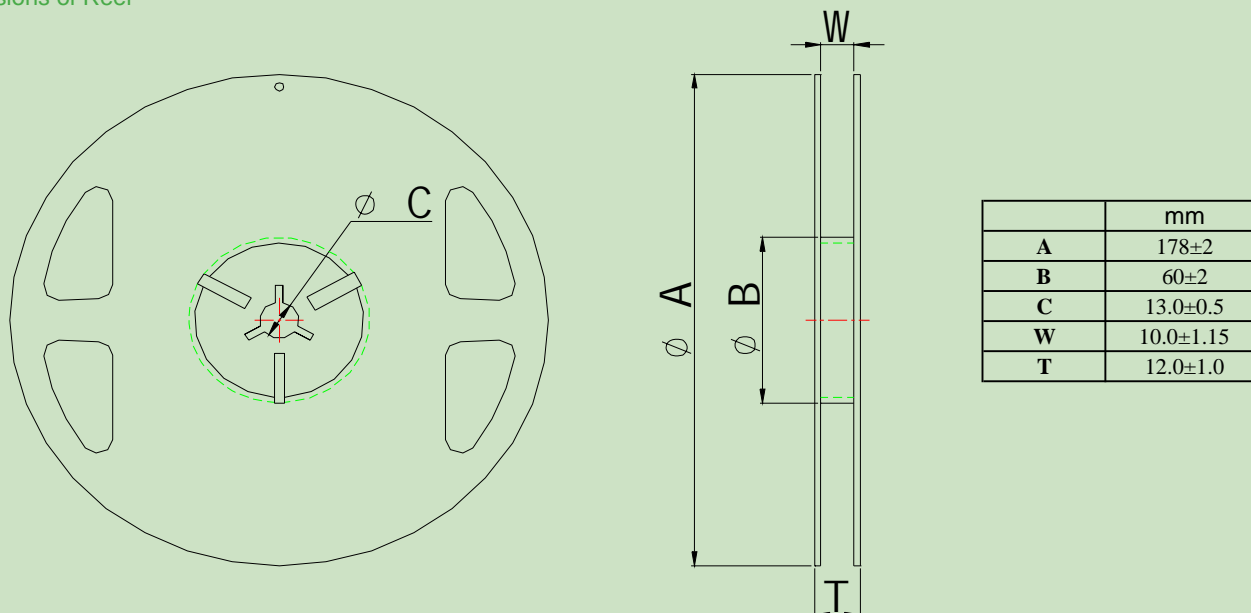
Dimensions of Tape



Codes	A	B	W	E	F
ACHB-0402	1.10±0.05	1.90±0.05	8.00±0.10	1.75±0.05	3.5±0.05

Codes	P ₀	P ₁	P ₂	ϕD_0	T
ACHB-0402	4.00±0.10	4.00±0.10	2.00±0.05	1.55±0.05	0.60±0.03

Dimensions of Reel



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



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