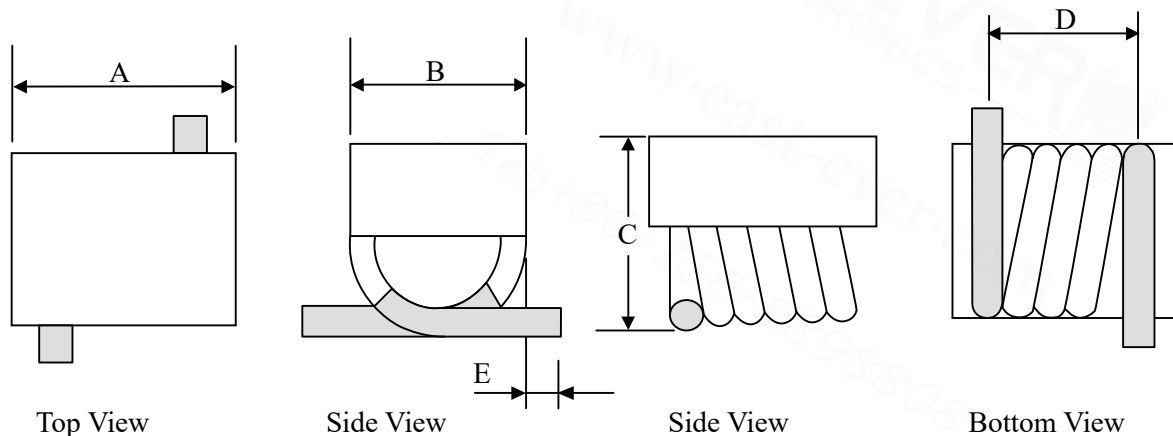


Air Core Coil Features

- Air core inductors feature high Q and current handling
- Acrylic top provides a flat surface for pick and place
- Solder coated leads ensure reliable soldering
- Operating temperature range: -40°C to $+125^{\circ}\text{C}$
- Storage temperature range: -55°C to $+145^{\circ}\text{C}$

Air Core Coil Inductor Dimensions & Configurations (Unit In mm)



P/N Type

A

B

C

D

E

SMTAM0403

3.3 ± 0.3

2.60 ± 0.2

2.70 ± 0.2

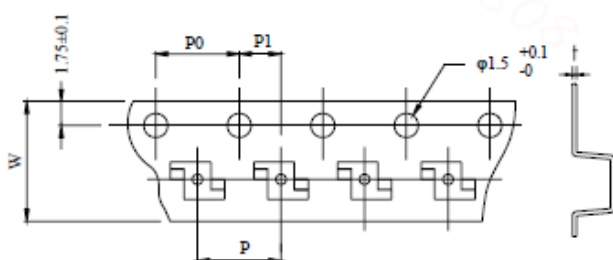
2.90 ± 0.3

0.70 ± 0.2

Specification

Part Number	(A)Max	Inductance (nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF(GHz)(min)
SMTAM0403 - 2N5J	4.0	2.5	145	150	1.1	>3.0
SMTAM0403 - 5N0J	4.0	5.0	140	150	1.8	>3.0
SMTAM0403 - 8N0J	4.0	8.0	140	150	2.6	>3.0
SMTAM0403 - 12N5J	4.0	12.5	137	150	3.4	>3.0
SMTAM0403 - 18N5J	4.0	18.5	132	150	3.9	>2.5

Tape & Reel Information



Parameter	Units	Value
Qty per reel	PCS	2000
Reel Size	mm	330
Tape Width	mm	12.00
P	mm	8.00
Po	mm	4.00
P1	mm	2.00