

SMD Flat Top Air Core Inductors

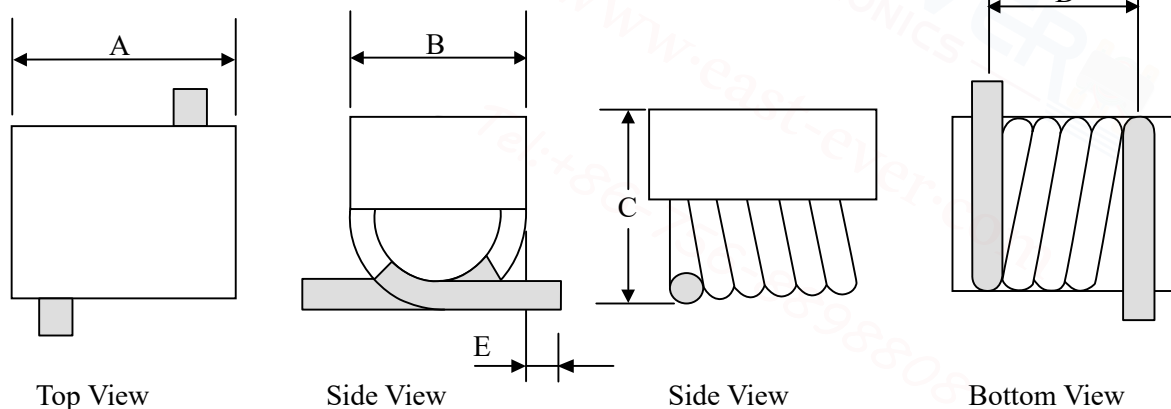


Air Core Coil Features

- 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)

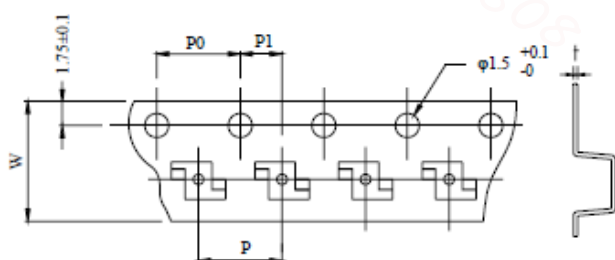


P/N Type	A	B	C	D	E
SMTAM0403	3.3 ± 0.3	2.60 ± 0.2	2.70 ± 0.2	2.90 ± 0.3	0.70 ± 0.2

Specification

Eastever	P/N	(A)Max	(nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF (GHz)	Coilcraft P/N	Würth P/N
SMTAM0403	- 2N5J	4.0	2.5	145	150	1.1	>3.0	A01T	744913025
SMTAM0403	- 5N0J	4.0	5.0	140	150	1.8	>3.0	A02T	744913050
SMTAM0403	- 8N0J	4.0	8.0	140	150	2.6	>3.0	A03T	744913080
SMTAM0403	- 12N5J	4.0	12.5	137	150	3.4	>3.0	A04T	744913112
SMTAM0403	- 18N5J	4.0	18.5	132	150	3.9	>2.5	A05T	744913118

Tape & Reel Information



Parameter	Units	Value
Qty per reel	PCS	4000
Reel Size	mm	330
Tape Width	mm	12.00
P	mm	8.00
Po	mm	4.00
P1	mm	2.00