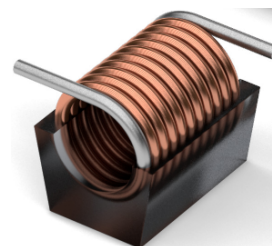


SMD Flat Top Air Core Inductors

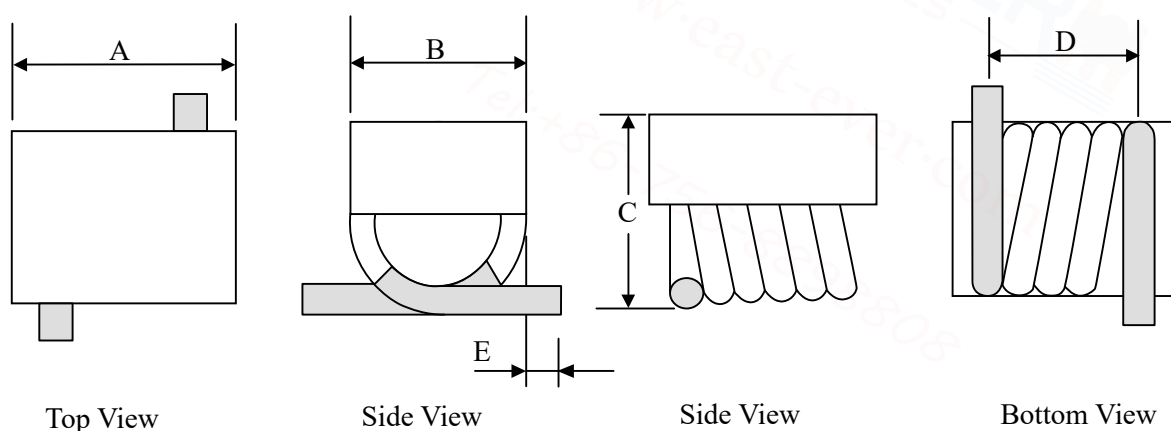


Air Core Coil Features

- 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
SMTAM3618	9.0(max)	4.7 ± 0.3	5.2 Max	8.0 ± 0.5	1.3 ± 0.4

Specification

Eastever P/N	(A)Max	(nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF(GHz)	Coilcraft P/N	Würth P/N
SMTAM3618 - 90NJ	3.5	90	100	50	15	>1.0	132-09SM	744918190
SMTAM3618 - 111NJ	3.5	111	100	50	15	>1.0	132-10SM	744918211
SMTAM3618 - 130NJ	3.0	130	100	50	20	>0.9	132-11SM	744918213
SMTAM3618 - 169NJ	3.0	169	100	50	25	>0.8	132-12SM	744918217
SMTAM3618 - 206NJ	3.0	206	100	50	30	>0.7	132-13SM	744918220
SMTAM3618 - 222NJ	3.0	222	100	50	35	>0.6	132-14SM	744918222
SMTAM3618 - 246NJ	3.0	246	100	50	35	>0.6	132-15SM	744918224
SMTAM3618 - 307NJ	3.0	307	100	50	35	>0.5	132-16SM	744918230
SMTAM3618 - 380NJ	2.5	380	100	50	50	>0.5	132-17SM	744918238
SMTAM3618 - 422NJ	2.5	422	100	50	60	>0.4	132-18SM	744918242
SMTAM3618 - 491NJ	2.0	491	100	50	65	>0.4	132-19SM	744918249
SMTAM3618 - 538NJ	2.0	538	100	50	90	>0.4	132-20SM	744918254

