

SMD Flat Top Air Core Inductors

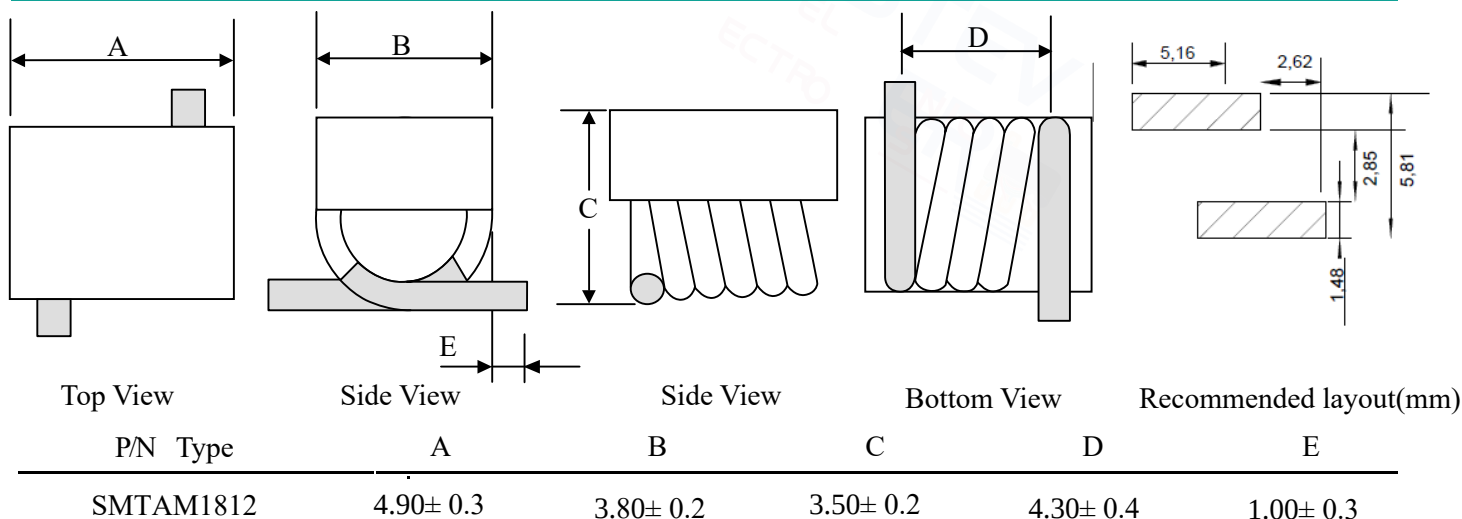


Air Core Coil Features

- 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 °C
- Storage temperature range: -55 °C to +145 °C



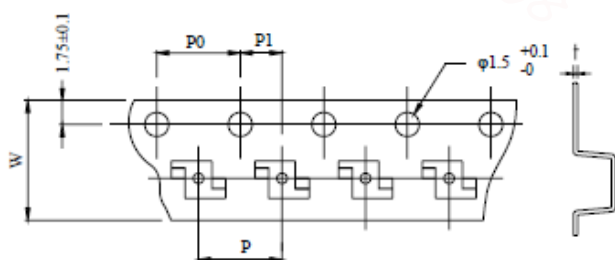
Air Core Coil Inductor Dimensions & Configurations (Unit In mm)



Specification

Eastever	P/N	(A)Max	(nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF (GHz)	Coilcraft P/N	Würth P/N
SMTAM1812- 22NJ		3.0	22	100	150	4.2	3.20	1812SMS-22N	744912122
SMTAM1812- 27NJ		3.5	27	100	150	4.0	2.70	1812SMS-27N	744912127
SMTAM1812 - 33NJ		3.0	33	100	150	4.8	2.50	1812SMS-33N	744912133
SMTAM1812 - 39NJ		3.0	39	100	150	4.4	2.10	1812SMS-39N	744912139
SMTAM1812 - 47NJ		3.0	47	100	150	5.6	2.10	1812SMS-47N	744912147
SMTAM1812 - 56NJ		3.0	56	100	150	6.2	1.50	1812SMS-56N	744912156
SMTAM1812 - 68NJ		2.5	68	100	150	8.2	1.50	1812SMS-68N	744912168
SMTAM1812 - 82NJ		2.5	82	100	150	9.4	1.30	1812SMS-82N	744912182
SMTAM1812 - 100NJ		1.7	100	100	150	12.3	1.20	1812SMS-R10	744912210
SMTAM1812- 120NJ		1.5	120	100	150	17.3	1.10	1812SMS-R12	744912212
SMTAM1812 - 150NJ		1.2	150	100	150	33.0	0.75	1812SMS-R15	

Tape & Reel Information



Parameter	Units	Value
Qty per reel	PCS	500
Reel Size	mm	330
Tape Width	mm	12.00
P	mm	12.00
Po	mm	4.00
P1	mm	6.00

