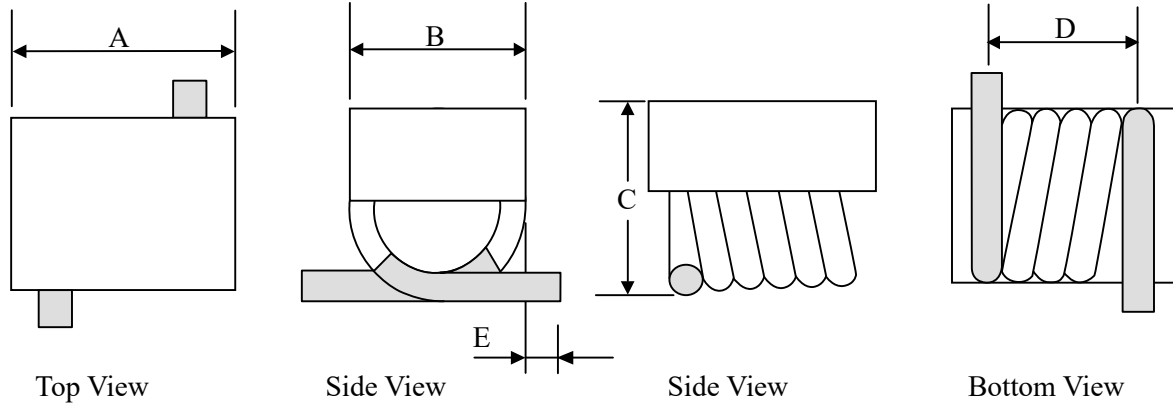


Air Core Coil Features

- 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)

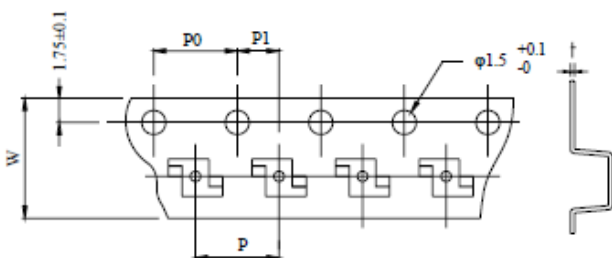


P/N Type	A	B	C	D	E
AWAM1812	4.90± 0.3	3.80± 0.2	3.50± 0.2	4.30± 0.4	1.00± 0.3

Specification

AW COIL	P/N	(A)Max	(nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF (GHz)	MPQ
AWAM1812-	22NJ	3.0	22	100	150	4.2	3.20	1200
AWAM1812-	27NJ	3.5	27	100	150	4.0	2.70	1200
AWAM1812 -	33NJ	3.0	33	100	150	4.8	2.50	1200
AWAM1812 -	39NJ	3.0	39	100	150	4.4	2.10	1200
AWAM1812 -	47NJ	3.0	47	100	150	5.6	2.10	1200
AWAM1812 -	56NJ	3.0	56	100	150	6.2	1.50	1200
AWAM1812 -	68NJ	2.5	68	100	150	8.2	1.50	1200
AWAM1812 -	82NJ	2.5	82	100	150	9.4	1.30	1200
AWAM1812 -	100NJ	1.7	100	100	150	12.3	1.20	1200
AWAM1812-	120NJ	1.5	120	100	150	17.3	1.10	1200
AWAM1812 -	150NJ	1.2	150	100	150	33.0	0.75	1200

Tape & Reel Information



Parameter	Units	Value
Qty per reel	PCS	1200
Reel Size	mm	330
Tape Width	mm	12.00
P	mm	12.00
Po	mm	4.00
P1	mm	6.00