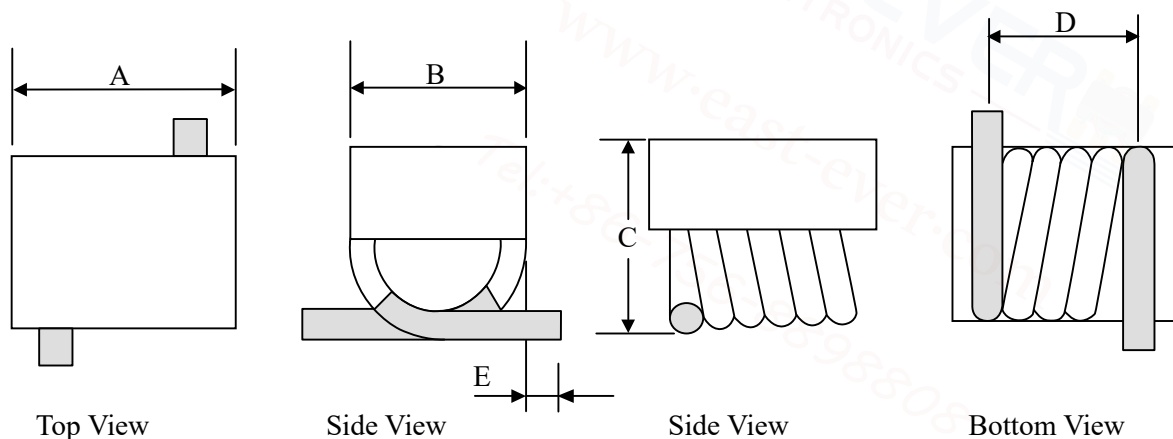


Air Core Coil Features

- 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)

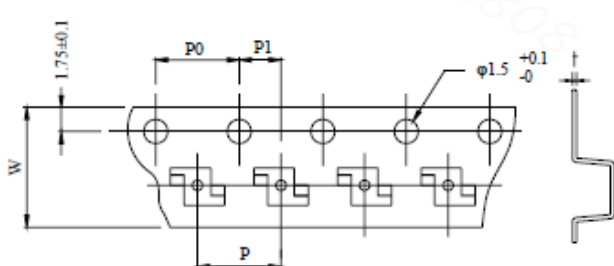


P/N Type	A	B	C	D	E
SMTAM4015	4.0 ± 0.3	1.4 ± 0.2	1.4 ± 0.2	3.5 ± 0.3	0.9 ± 0.3

Specification

Part Number	(A)Max	Inductance (nH)	Q(min)	Test Freq (MHz)	DCR (mΩ)Max	SRF(GHz)(min)
SMTAM4015 - 5N6J	1.6	5.60	100	800	9.0	>3.0
SMTAM4015 - 7N1J	1.6	7.15	100	800	10.0	>3.0
SMTAM4015 - 8N8J	1.6	8.80	100	800	12.0	>3.0
SMTAM4015 - 9N8J	1.6	9.85	100	800	13.0	>3.0
SMTAM4015 - 12N5J	1.6	12.55	100	800	14.0	>3.0

Tape & Reel Information



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