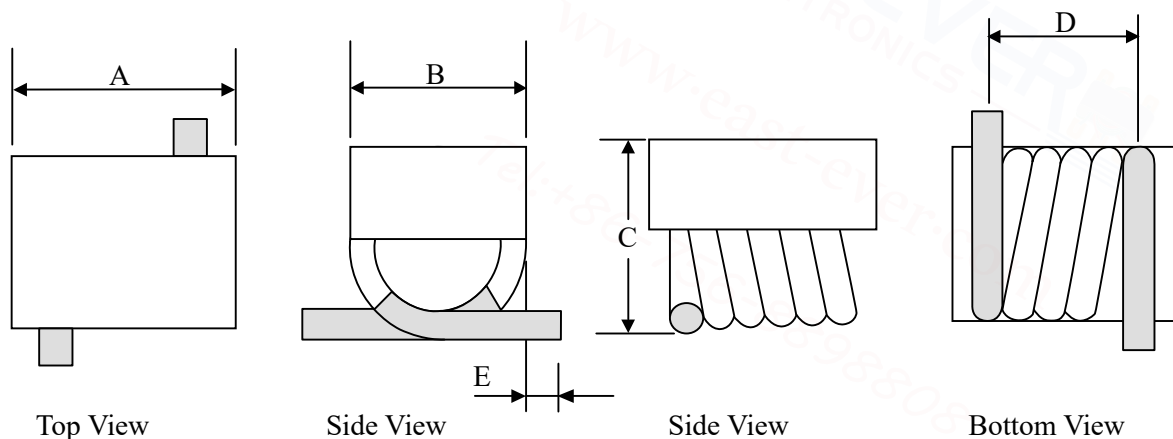


## Air Core Coil Features

- 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:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Storage temperature range:  $-55^{\circ}\text{C}$  to  $+145^{\circ}\text{C}$

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

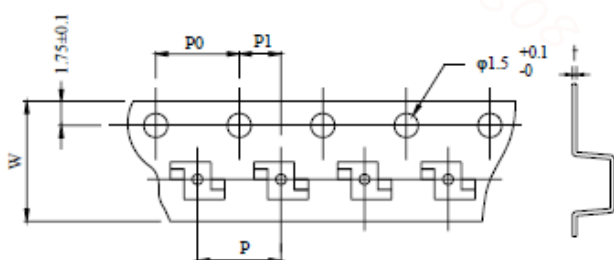


P/N Type	A	B	C	D	E
SMTAM4015	$4.0 \pm 0.3$	$1.4 \pm 0.2$	$1.4 \pm 0.2$	$3.5 \pm 0.3$	$0.9 \pm 0.3$

## 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