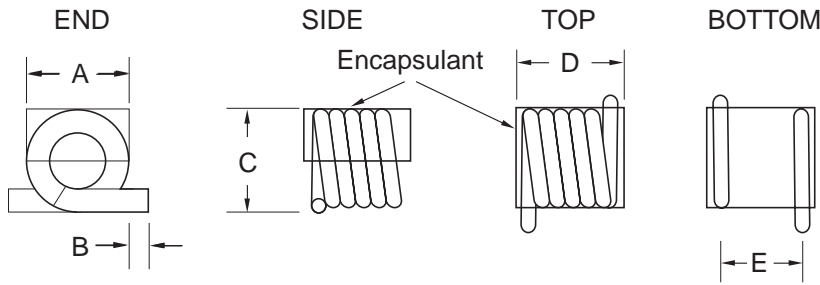
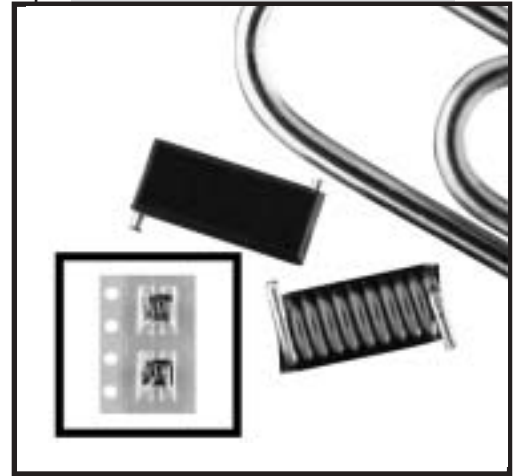


Surface Mount "Spring" Air Core Inductors



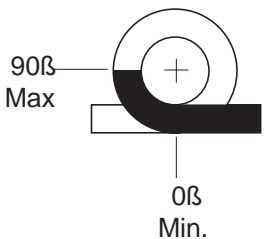
SIZE		A	B	C	D	E
SMS20	in	0.120	0.023±0.015	0.125	0.145	0.115±0.010
	mm	3.05	0.58±0.38	3.18	3.68	2.92±0.25
SMS30	in	0.120	0.023±0.015	0.125	0.270	0.230±0.010
	mm	3.05	0.58±0.38	3.18	6.86	5.84±0.25



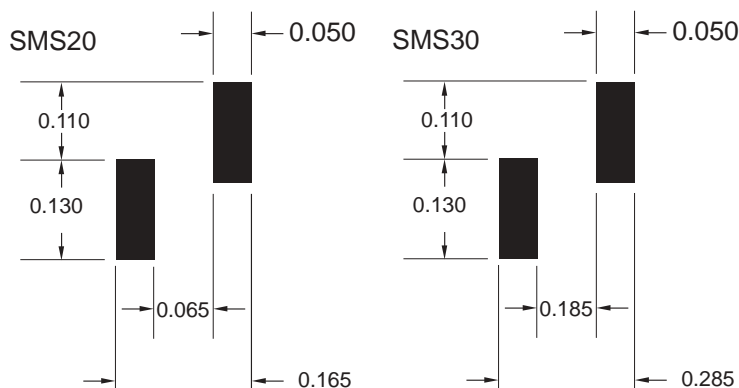
Wilco Part Number	Tums	Inductance (nh)	Q Min.	Test Freq (MHz)	SRF Min. (GHz)
SMS 20-1	1	2.5 +/- 10%	143	150	3
SMS 20-2	2	5.0 +/- 10%	140	150	3
SMS 20-3	3	8.0 +/- 5%	139	150	3
SMS 20-4	4	12.5 +/- 5%	138	150	3
SMS 20-5	5	18.5 +/- 5%	133	150	3
SMS 30-6	6	17.5 +/- 5%	100	150	3
SMS 30-7	7	22.0 +/- 5%	103	150	3
SMS 30-8	8	28.0 +/- 5%	104	150	2.6
SMS 30-9	9	35.5 +/- 5%	108	150	1.8
SMS 30-10	10	43.0 +/- 5%	108	150	1.5

• Packaged 500 per reel

TINNED LENGTH



NOMINAL FOOTPRINT



FEATURES

- Jacketed with a high temperature material which assures mechanical stability and very close tolerance.
- Forms a flat top, making them suitable for automatic placement and reflow or vapor phase processing.
- These surface mount air core "spring" inductors provide extremely high Q over a wide frequency range.

APPLICATIONS

- Microwave equipment
- Band pass filters

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