

SS5040 SERIES ~ Spring Air Core Inductors



RoHS Compliant

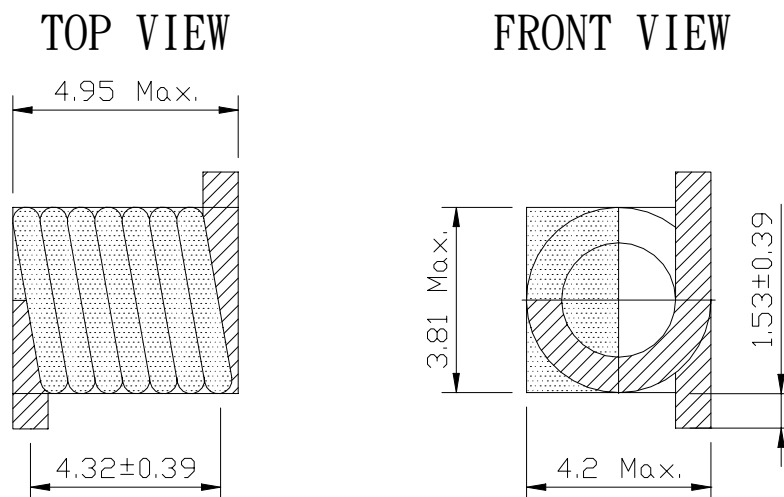
SHAPE AND DIMENSION

FEATURES

- SMD type air core inductor .
- Tape / Reel packaging available for auto-insertion .
- High Q coils .

SS5040 Series

unit : mm



SS5040 SERIES

PART NUMBER	INDUCTANCE		Q.	DCR (mΩ)		SRF (GHz)		I _{rms} (A)	
	(nH)	Tolerance		(Min.)	(Max)	(Min.)	(Max)	(Max)	(Max)
SS5040-22N□-LF	22	J , K	100	4.2	3.2	3.0			
SS5040-27N□-LF	27	J , K	100	4.0	2.7	3.5			
SS5040-33N□-LF	33	J , K	100	4.8	2.5	3.0			
SS5040-39N□-LF	39	J , K	100	4.4	2.1	3.0			
SS5040-47N□-LF	47	J , K	100	5.6	2.1	3.0			
SS5040-56N□-LF	56	J , K	100	6.2	1.5	3.0			
SS5040-68N□-LF	68	J , K	100	8.2	1.5	2.5			
SS5040-82N□-LF	82	J , K	100	9.4	1.3	2.5			
SS5040-R10□-LF	100	J , K	100	12.3	1.2	1.7			
SS5040-R12□-LF	120	J , K	100	17.3	1.1	1.5			

* Inductance tested at 150MHz.

* Inductance tolerance : J=+/-5%

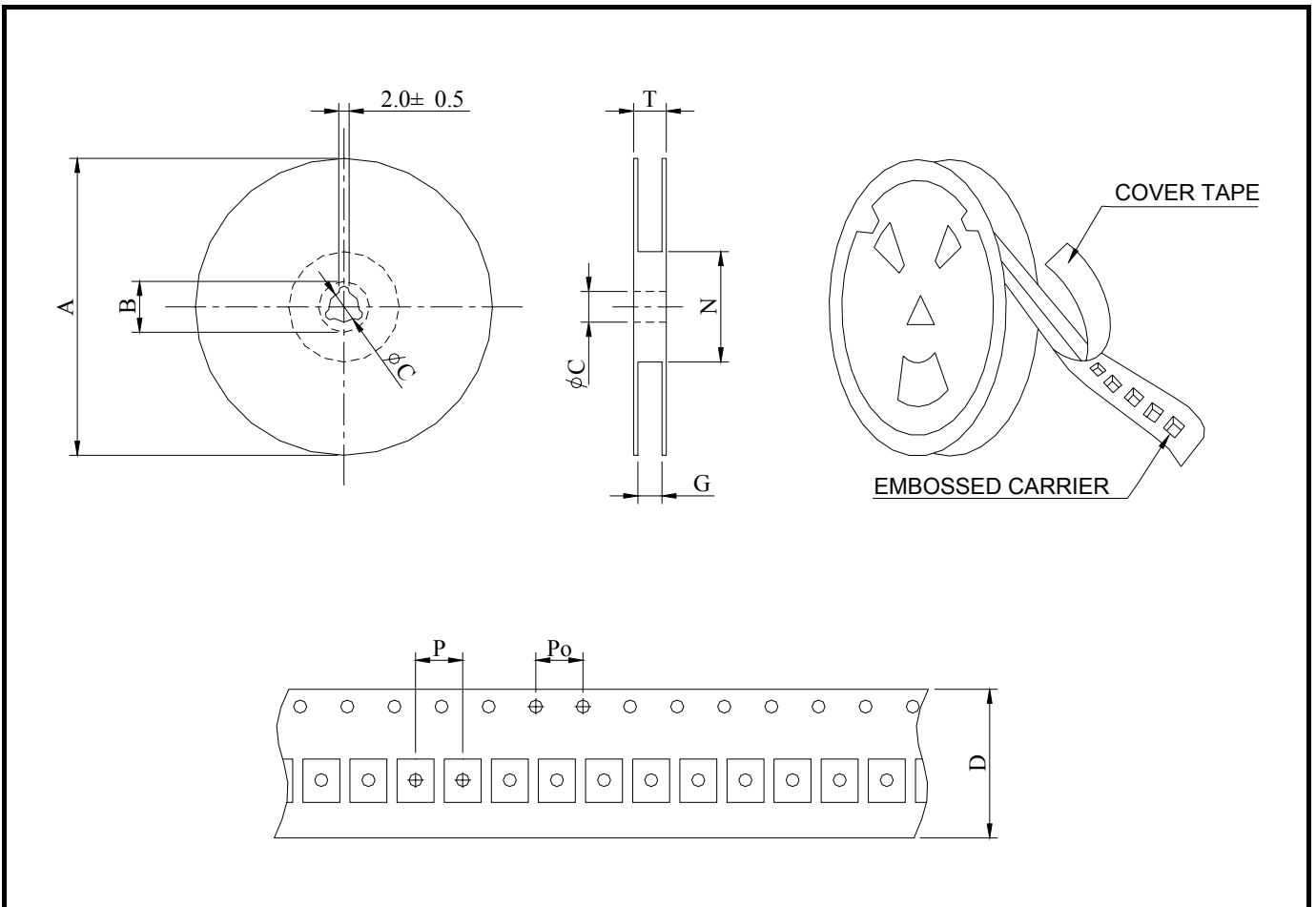
* Operating temperature range : -40°C to +125°C.

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PACKAGING SPECIFICATION



SERIES	STAYLE	Q' TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G	N	P	Po	T
SS5040	13"	2,000	330	21	13	12	12.4	100	8	4	18.4