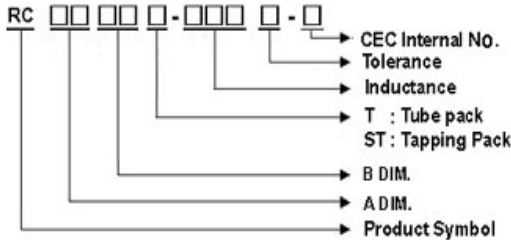
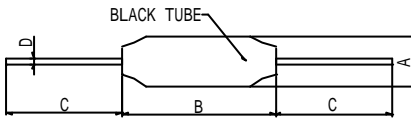




Product Identification

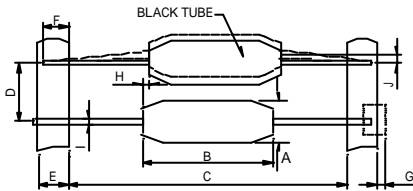


Shapes and Dimensions



Dimensions in mm

	RC0513ST	RC0519ST	RC0621ST	RC0628ST
A	5 ⁺⁰		6 ⁺⁰	
B	13 ⁺⁰	19 ⁺⁰	21 ⁺⁰	28 ⁺⁰
C	30 ⁰			
D	0.65∅		0.8∅	



Dimensions in mm

	RC0513ST	RC0519ST	RC0621ST	RC0628ST
A	5 ⁺⁰		6 ⁺⁰	
B	13 ⁺⁰	19 ⁺⁰	18~21	23~27
C	52.4±1.5	73±1.5	76~80	
D	5±0.5	10±0.5	10±0.5	
E	6±1			
F	3.2 ⁰		4.8 ⁰	
G	0.8 ⁺⁰			
H	2.5 ⁺⁰			
I	0.65∅		0.8∅	
J	1.5 ⁺⁰			

- L: HP4285+42851A
- IDC: CHEN HWA CH1061H301A

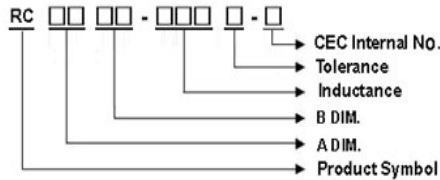
- Note: lead-free
- CHILISIN uses UL tube on RC series to avoid damage when wave soldering..

Electrical Parameters

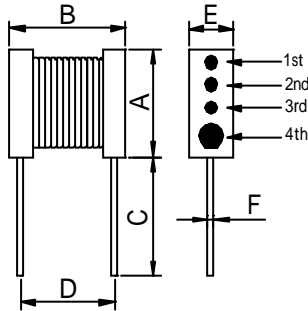
Part Number	Inductance (mH)	Test Frequency (MHz)	IDC (A)
RC0513 Series			
RC0513□-5R6M-N	5.6	7.96	0.80
RC0513□-6R8M-N	6.8	7.96	0.80
RC0513□-7R5M-N	7.5	7.96	0.45
RC0513□-8R2M-N	8.2	7.96	0.43
RC0513□-100M-N	10	2.52	0.40
RC0513□-120M-N	12	2.52	0.38
RC0513□-150M-N	15	2.52	0.36
RC0513□-180M-N	18	2.52	0.36
RC0513□-220M-N	22	2.52	0.33
RC0513□-270M-N	27	2.52	0.31
RC0519 Series			
RC0519□-5R6M-N	5.6	7.96	1.3
RC0519□-6R8M-N	6.8	7.96	1.3
RC0519□-7R5M-N	7.5	7.96	1.3
RC0519□-8R2M-N	8.2	7.96	1.3
RC0519□-100M-N	10	2.52	1.3
RC0519□-120M-N	12	2.52	1.3
RC0519□-150M-N	15	2.52	1.0
RC0519□-180M-N	18	2.52	1.0
RC0519□-220M-N	22	2.52	0.9
RC0519□-270M-N	27	2.52	0.5
RC0519□-330M-N	33	2.52	0.5
RC0519□-390M-N	39	2.52	0.3
RC0519□-470M-N	47	2.52	0.3
RC0621 Series			
RC0621□-3R3M-N	3.3	7.96	3.0
RC0621□-5R6M-N	5.6	7.96	3.0
RC0621□-6R8M-N	6.8	7.96	3.0
RC0621□-7R5M-N	7.5	7.96	3.0
RC0621□-8R2M-N	8.2	7.96	3.0
RC0621□-100M-N	10	2.52	3.0
RC0621□-120M-N	12	2.52	2.0
RC0621□-150M-N	15	2.52	2.0
RC0621□-180M-N	18	2.52	1.6
RC0621□-220M-N	22	2.52	1.6
RC0621□-270M-N	27	2.52	0.8
RC0621□-330M-N	33	2.52	0.8
RC0621□-390M-N	39	2.52	0.8
RC0621□-470M-N	47	2.52	0.7
RC0628 Series			
RC0628□-5R6M-N	5.6	7.96	5.0
RC0628□-6R8M-N	6.8	7.96	5.0
RC0628□-7R5M-N	7.5	7.96	5.0
RC0628□-8R2M-N	8.2	7.96	5.0
RC0628□-100M-N	10	2.52	4.0
RC0628□-120M-N	12	2.52	4.0
RC0628□-150M-N	15	2.52	4.0
RC0628□-180M-N	18	2.52	3.0
RC0628□-220M-N	22	2.52	3.0
RC0628□-270M-N	27	2.52	2.0
RC0628□-330M-N	33	2.52	2.0
RC0628□-390M-N	39	2.52	1.2
RC0628□-470M-N	47	2.52	1.2



Product Identification



Shapes and Dimensions



Dimensions in mm

A	8.89 ⁺⁰
B	10.16 ⁺⁰
C	28±2
D	7.62±0.254
E	4.6 ⁺⁰
F	0.50ϕ

Test Instruments

- L: HP4285+HP42851A
- RDC: CHEN HWA502BC
- IDC: CHENHWA CH1061+301A

Style	Radial Lead
Temperature rise	20°C
Ambient temperature	80°C
Temperature range	-20°C to 100°C
Terminal tensile strength	2.5Kg min.
Terminal bending strength	0.5Kg.

Electrical Parameters

Part Number	Inductance (mH)	Test Frequency (MHz)	Q Min	D.C Resistance (W) Max	IDC (A)
RC0910-1R0K-N	1.0	7.96	90	0.015	7.00
RC0910-1R2K-N	1.2	7.96	39	0.012	6.00
RC0910-1R5K-N	1.5	7.96	33	0.014	5.00
RC0910-1R8K-N	1.8	7.96	37	0.020	4.80
RC0910-2R2K-N	2.2	7.96	38	0.025	4.40
RC0910-2R5K-N	2.5	7.96	85	0.030	4.10
RC0910-2R7K-N	2.7	7.96	43	0.028	4.00
RC0910-3R3K-N	3.3	7.96	35	0.036	3.70
RC0910-3R9K-N	3.9	7.96	37	0.050	3.40
RC0910-4R7K-N	4.7	7.96	37	0.053	3.20
RC0910-5R0K-N	5.0	7.96	90	0.080	2.90
RC0910-5R6K-N	5.6	7.96	35	0.092	2.80
RC0910-6R8K-N	6.8	7.96	29	0.113	2.60
RC0910-7R5K-N	7.5	7.96	95	0.110	2.50
RC0910-8R2K-N	8.2	7.96	32	0.116	2.20
RC0910-100K-N	10	7.96	90	0.190	2.10
RC0910-120K-N	12	2.52	55	0.140	2.00
RC0910-150K-N	15	2.52	51	0.158	1.60
RC0910-180K-N	18	2.52	46	0.180	1.50
RC0910-220K-N	22	2.52	51	0.230	1.40
RC0910-250K-N	25	2.52	80	0.500	1.30
RC0910-270K-N	27	2.52	52	0.265	1.30
RC0910-330K-N	33	2.52	47	0.346	1.20
RC0910-390K-N	39	2.52	46	0.371	1.10
RC0910-470K-N	47	2.52	49	0.502	1.03
RC0910-500K-N	50	2.52	70	1.100	1.00
RC0910-560K-N	56	2.52	45	0.687	0.95
RC0910-680K-N	68	2.52	46	0.888	0.90
RC0910-750K-N	75	2.52	45	1.200	0.86
RC0910-820K-N	82	2.52	53	1.198	0.85
RC0910-101K-N	100	0.796	85	1.500	0.70
RC0910-121K-N	120	0.796	77	1.725	0.65
RC0910-151K-N	150	0.796	79	1.855	0.60
RC0910-181K-N	180	0.796	76	2.070	0.58
RC0910-221K-N	220	0.796	63	2.185	0.49
RC0910-251K-N	250	0.796	55	2.700	0.49
RC0910-271K-N	270	0.796	70	2.530	0.45
RC0910-331K-N	330	0.796	54	3.335	0.41
RC0910-391K-N	390	0.796	60	3.450	0.39
RC0910-471K-N	470	0.796	76	5.290	0.35
RC0910-501K-N	500	0.796	35	3.300	0.34
RC0910-561K-N	560	0.796	68	5.405	0.32
RC0910-681K-N	680	0.796	64	5.930	0.29
RC0910-751K-N	750	0.796	30	4.200	0.28
RC0910-821K-N	820	0.796	60	6.325	0.27
RC0910-102K-N	1000	0.252	70	8.600	0.21
RC0910-122K-N	1200	0.252	70	10.005	0.21
RC0910-152K-N	1500	0.252	72	14.260	0.19
RC0910-182K-N	1800	0.252	72	15.765	0.17
RC0910-222K-N	2200	0.252	72	17.595	0.15
RC0910-252K-N	2500	0.252	75	18.000	0.14
RC0910-272K-N	2700	0.252	72	19.320	0.14
RC0910-332K-N	3300	0.252	70	21.735	0.13
RC0910-392K-N	3900	0.252	70	26.000	0.12
RC0910-472K-N	4700	0.252	63	29.900	0.11
RC0910-502K-N	5000	0.252	45	31.000	0.10
RC0910-752K-N	7500	0.252	25	50.000	0.08
RC0910-103K-N	10000	0.0796	25	70.000	0.07

- Note: lead-free