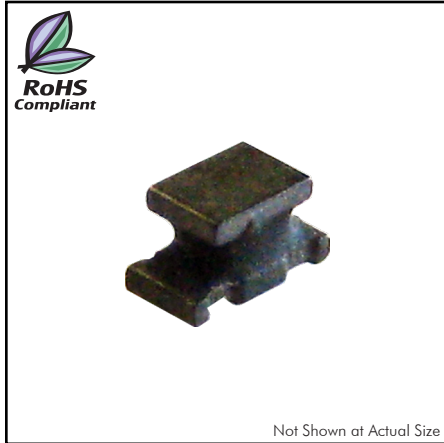


## CTLQ1206NF Series

From 0.15µH to 100µH



### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CTLQ1206NF-R15\_ ← J = ±5%, K = ±10%, M = ±20%  
 \* = K or M only

Part Number	Inductance (µH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	DCR Max. (Ω)	SRF Min. (MHz)	Allowable Current (mA)
CTLQ1206NF-R15_*	0.15	1.0	20	25	0.54	250	250
CTLQ1206NF-R22_*	0.22	1.0	20	25	0.60	250	240
CTLQ1206NF-R33_*	0.33	1.0	30	25	0.63	250	230
CTLQ1206NF-R47_*	0.47	1.0	30	25	1.16	200	215
CTLQ1206NF-R56_*	0.56	1.0	30	25	0.85	180	200
CTLQ1206NF-R68_*	0.68	1.0	30	25	0.93	160	190
CTLQ1206NF-R82_*	0.82	1.0	30	25	1.02	120	185
CTLQ1206NF-1R0_*	1.0	1.0	35	10	0.63	100	175
CTLQ1206NF-1R2_*	1.2	1.0	35	10	1.17	90	165
CTLQ1206NF-1R5_*	1.5	1.0	35	10	1.30	75	155
CTLQ1206NF-1R8_*	1.8	1.0	35	10	2.08	60	150
CTLQ1206NF-2R2_*	2.2	1.0	35	10	0.91	50	140
CTLQ1206NF-2R7_*	2.7	1.0	35	10	0.71	43	135
CTLQ1206NF-3R3_*	3.3	1.0	35	8	1.82	38	130
CTLQ1206NF-3R9_*	3.9	1.0	35	8	1.95	35	125
CTLQ1206NF-4R7_*	4.7	1.0	18(Typ.)	8	2.21	31(Typ.)	120
CTLQ1206NF-5R6_*	5.6	1.0	35	8	2.34	28	115
CTLQ1206NF-6R8_*	6.8	1.0	35	8	2.60	25	110
CTLQ1206NF-8R2_*	8.2	1.0	35	8	2.86	23	105
CTLQ1206NF-100_	10	1.0	35	5	3.25	20	100
CTLQ1206NF-120_	12	1.0	35	5	3.51	18	95
CTLQ1206NF-150_	15	1.0	35	5	3.90	16	90
CTLQ1206NF-180_	18	1.0	35	5	4.42	15	85
CTLQ1206NF-220_	22	1.0	40	2.5	4.03	14	85
CTLQ1206NF-270_	27	1.0	40	2.5	4.42	13	85
CTLQ1206NF-330_	33	1.0	40	2.5	4.94	12	80
CTLQ1206NF-390_	39	1.0	40	2.5	9.36	11	55
CTLQ1206NF-470_	47	1.0	40	2.5	10.40	10	55
CTLQ1206NF-560_	56	1.0	40	2.5	11.57	9	50
CTLQ1206NF-680_	68	1.0	40	2.5	12.87	8.5	50
CTLQ1206NF-820_	82	1.0	40	2.5	14.30	7.5	45
CTLQ1206NF-101_	100	1.0	40	2.5	15.60	7	45

### CHARACTERISTICS

- Description:** SMD wire-wound chip inductor
- Applications:** Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -25°C to +85°C
- Inductance Tolerance:** J = ±5%, K = ±10%, M = ±20%
- Packaging:** Tape & Reel
- Testing:** Tested on a HP4285A @ specified frequency
- Pads:** Soft copper and pre-tinned
- Miscellaneous:** RoHS Compliant
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
						Min.	Min.
mm	3.2±0.3	1.8±0.25	2.3±0.2	1.6±0.2	1.6±0.2	1.0	0.9
inches	0.13±0.01	0.07±0.01	0.09±0.008	0.06±0.008	0.06±0.008	0.039	0.035

