

LCF1210 -Series (1210) Ferrite type

FEATURES

- Utilizing a miniaturized winding structure.
- These products provide low DC resistance and high current.
- Precision inductance tolerance is available.



APPLICATIONS

- Personal computers, Hard disk drives
- xDSL modem and Cable modem
- Digital camera and other electronic equipment



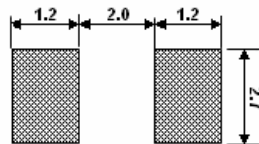
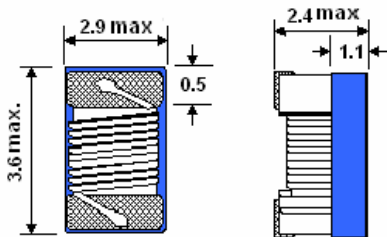
PRODUCT IDENTIFICATION

LCF 1210 - 1R0 K - E

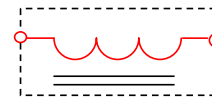
- (1) (2) (3) (4) (5)
- (1) Product name
 - (2) Dimension
 - (3) Inductance: 1R0 : 1.0uH ; 100 : 10uH
 - (4) Tolerance: J : ±5% ; K : ±10%
 - (5) Lead free , Rohs compliant

SHAPES AND DIMENSIONS (mm)

RECOMMENDED FOOTPRINT



Equivalent circuit



No Polarity

LCF1210- Series (1210)

Our Product Part Number	Inductance (uH)/MHz	Inductance tolerance	Q Min.	SRF(Min.) (MHz)	Rdc(Ω) Max.	Irms(mA)	Color Coding		
							1st	2nd	3rd
LCF1210-1R0□-E	1.0 / 7.9	10.5	35 / 7.9	340	0.125	2600	Brown	Black	Red
LCF1210-1R5□-E	1.5 / 7.9	10.5	35 / 7.9	160	0.145	2200	Brown	Green	Red
LCF1210-2R2□-E	2.2 / 7.9	10.5	35 / 7.9	102	0.169	1900	Red	Red	Red
LCF1210-3R3□-E	3.3 / 7.9	10.5	35 / 7.9	79	0.197	1500	Orange	Orange	Red
LCF1210-4R7□-E	4.7 / 7.9	10.5	28 / 7.9	55	0.26	1300	Yellow	Violet	Red
LCF1210-6R8□-E	6.8 / 7.9	10.5	28 / 7.9	50	0.351	1100	Blue	Gray	Red
LCF1210-100□-E	10 / 2.5	10.5	22 / 2.5	47	0.468	900	Brown	Black	Orange
LCF1210-150□-E	15 / 2.5	10.5	22 / 2.5	34	0.683	740	Brown	Green	Orange
LCF1210-220□-E	22 / 2.5	10.5	22 / 2.5	30	0.95	640	Red	Red	Orange
LCF1210-330□-E	33 / 2.5	10.5	20 / 2.5	17	1.28	500	Orange	Orange	Orange
LCF1210-470□-E	47 / 2.5	10.5	22 / 2.5	12	1.852	440	Yellow	Violet	Orange
LCF1210-680□-E	68 / 2.5	10.5	22 / 2.5	10	2.94	360	Blue	Gray	Orange
LCF1210-101□-E	100/ 1.0	10.5	16 / 1.0	8	4.682	280	Brown	Black	Yellow
LCF1210-151□-E	150/ 1.0	10.5	16 / 1.0	7	6.102	220	Brown	Green	Yellow
LCF1210-221□-E	220/ 1.0	10.5	16 / 1.0	5	7.301	200	Red	Red	Yellow
LCF1210-331□-E	330/ 1.0	10.5	15 / 1.0	4	12.62	160	Orange	Orange	Yellow

1. When ordering, please specify tolerance and packaging codes. Ex: LCF1210-100K-E

Tolerance : J = ±5% , K = ±10%

Packaging : Clear tape and reel { standard }. *

2. L , Q : Agilent/HP E4991A+ Agilent/HP16197A

3. SRF : Agilent/E5071B / Agilent/HP E4991A

4.Rdc : DIGITAL MILLIOHM METER Chroma 16502, or equivalent.

5. Irms for a 15°C rise above 25°C ambient.

6.Operating temperature range from-25°Cto85°C.

* Parts/Reel: 7" 2,000 Tape Width: 8mm



LCF1210 Characteristics (L,Q vs. Frequency)

