

Drum Core Surface Mount Unshielded Power Inductors

◆ Features

1. Excellent solderability and high heat resistance.
2. Excellent terminal strength construction.
3. Packed in embossed carrier tape and can be used by automatic mounting machine.

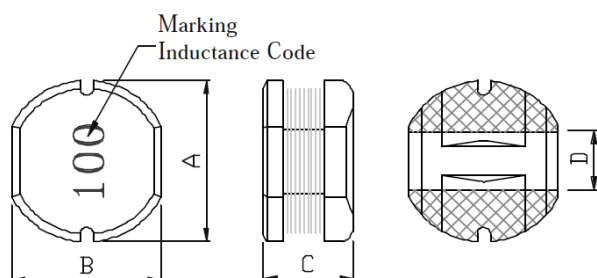


◆ Applications

Power supply for VCR,OA equipment ,LCD television set notebook, DC to DC converters, DC to AC inverters etc.



◆ Shape & Dimensions



◆ Lead Free Part Numbering

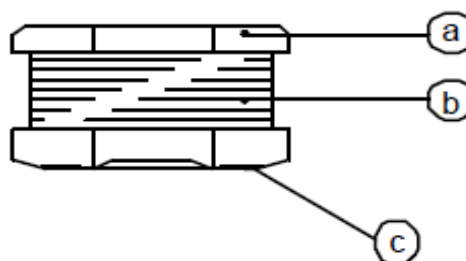
CMLF 0403 100 M T T
(1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Dimension: A X C
- (3) Inductance: 2R2=2.2 μ H ;
100=10 μ H; 101=100 μ H
- (4) Inductance Tolerance: K=±10%, M=±20%
- (5) Company Code
- (6) Packaging : packed in embossed carrier tape

Series Item	CMLF0301	CMLF0302	CMLF0403	CMLF0502	CMLF0503	CMLF0504	CMLF0703	CMLF0705	CMLF1004	CMLF1005
A (mm)	3.5±0.3	3.5±0.3	4.5±0.3	5.8±0.3	5.8±0.3	5.8±0.3	7.8±0.3	7.8±0.3	10.0±0.3	10.0±0.3
B (mm)	3.0±0.3	3.0±0.3	4.0±0.3	5.2±0.3	5.2±0.3	5.2±0.3	7.0±0.3	7.0±0.3	9.0±0.3	9.0±0.3
C (mm)	1.1±0.3	2.1±0.3	3.2±0.3	2.0±0.3	3.0±0.3	4.5±0.3	3.5±0.3	5.0±0.3	4.0±0.3	5.4±0.3
D (mm)	1.0 Typ	1.0 Typ	1.2 Typ.	1.5 Typ.	1.5 Typ.	1.5 Typ.	2.1 Typ.	2.1 Typ.	2.9 Typ.	2.9 Typ.

◆ Material

Item	Material
a. Core	Ferrite DR Core
b. Wire	Enamelled Copper wire
c. Terminal	Ag+Sn+SnPb



◆ Note

- (1) Inductance is measured by LCR-meter 4284A/4286A (HP) or equivalent.
- (2) Inductance test condition: CMLF0301/0302L/0502:100KTTHz/1.0V,
CMLF0302/0403/0503/0504/0703/0705/1004/1005: 1.0μH~8.2H:7.96MTTHz/0.5V,
10.0μH~82.0μH:2.52MTTHz/0.5V,More than 100.0μH at 1.0KTTHz/1.0V.
- (3) DC Resistance is measured by HP4338B Milliohms Meter or equivalent.
- (4) Rated current is measured by LCR-meter 3260B (WK) & DC Bias 3265B(WK) at 1.0KTTHz/1.0V.
- (5) Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).
- (6) Operating temperature -55°C ~ +125°C.
- (7) All test data is referenced to 25°C ambient.

◆ Specification

Part Number	Inductance (μH)	DCR (Ω) max.	IDC (A) max.
CMLF0301 Series:			
CMLF0301-1R0MTT	1.00±20%	0.083	1.40
CMLF0301-1R2MTT	1.20±20%	0.099	1.24
CMLF0301-1R5MTT	1.50±20%	0.128	1.06
CMLF0301-1R8MTT	1.80±20%	0.145	0.96
CMLF0301-2R2MTT	2.20±20%	0.190	0.88
CMLF0301-2R7MTT	2.70±20%	0.225	0.80
CMLF0301-3R3MTT	3.30±20%	0.270	0.79
CMLF0301-3R9MTT	3.90±20%	0.321	0.68
CMLF0301-4R7MTT	4.70±20%	0.376	0.66
CMLF0301-5R6MTT	5.60±20%	0.393	0.61
CMLF0301-6R8MTT	6.80±20%	0.485	0.56
CMLF0301-8R2MTT	8.20±20%	0.628	0.50
CMLF0301-100MTT	10.0±20%	0.809	0.45
CMLF0301-120MTT	12.0±20%	0.901	0.40
CMLF0301-150MTT	15.0±20%	1.063	0.37
CMLF0301-180MTT	18.0±20%	1.231	0.34
CMLF0301-220MTT	22.0±20%	1.750	0.31
CMLF0301-270MTT	27.0±20%	2.110	0.28
CMLF0301-330MTT	33.0±20%	2.888	0.24
CMLF0301-390MTT	39.0±20%	3.100	0.23
CMLF0301-470MTT	47.0±20%	3.513	0.21
CMLF0301-560MTT	56.0±20%	3.950	0.20
CMLF0301-680MTT	68.0±20%	5.688	0.18
CMLF0301-820MTT	82.0±20%	6.575	0.15
CMLF0301-101KTT	100.0±10%	7.700	0.14

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0302 Series:			
CMLF0302-1R0MTT	1.0 $\pm$ 20%	0.040	1.50
CMLF0302-1R4MTT	1.4 $\pm$ 20%	0.050	1.50
CMLF0302-1R8MTT	1.8 $\pm$ 20%	0.060	0.80
CMLF0302-2R2MTT	2.2 $\pm$ 20%	0.080	0.75
CMLF0302-2R7MTT	2.7 $\pm$ 20%	0.100	0.75
CMLF0302-3R3MTT	3.3 $\pm$ 20%	0.150	0.60
CMLF0302-3R9MTT	3.9 $\pm$ 20%	0.200	0.50
CMLF0302-4R7MTT	4.7 $\pm$ 20%	0.200	0.50
CMLF0302-5R6MTT	5.6 $\pm$ 20%	0.230	0.45
CMLF0302-6R8MTT	6.8 $\pm$ 20%	0.250	0.40
CMLF0302-8R2MTT	8.2 $\pm$ 20%	0.300	0.40
CMLF0302-100MTT	10 $\pm$ 20%	0.350	0.35
CMLF0302-120MTT	12 $\pm$ 20%	0.400	0.35
CMLF0302-150MTT	15 $\pm$ 20%	0.500	0.30
CMLF0302-180MTT	18 $\pm$ 20%	0.550	0.30
CMLF0302-220MTT	22 $\pm$ 20%	0.600	0.30
CMLF0302-270MTT	27 $\pm$ 20%	0.700	0.30
CMLF0302-330MTT	33 $\pm$ 20%	1.000	0.25
CMLF0302-390MTT	39 $\pm$ 20%	1.200	0.25
CMLF0302-470MTT	47 $\pm$ 20%	1.500	0.20
CMLF0302-560MTT	56 $\pm$ 20%	1.800	0.20
CMLF0302-680MTT	68 $\pm$ 20%	2.000	0.18
CMLF0302-820MTT	82 $\pm$ 20%	2.500	0.16
CMLF0302-101MTT	100 $\pm$ 20%	3.000	0.15
CMLF0302-121MTT	120 $\pm$ 20%	3.500	0.14
CMLF0302-151MTT	150 $\pm$ 20%	4.000	0.13
CMLF0302-181MTT	180 $\pm$ 20%	5.000	0.12
CMLF0302-221MTT	220 $\pm$ 20%	5.500	0.10
CMLF0302-271MTT	270 $\pm$ 20%	6.000	0.10
CMLF0302-331MTT	330 $\pm$ 20%	7.000	0.10
CMLF0302-391MTT	390 $\pm$ 20%	8.000	0.10
CMLF0302-471MTT	470 $\pm$ 20%	12.000	0.09

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0403 Series:			
CMLF0403-1R0MTT	1.00 $\pm$ 20%	0.033	3.80
CMLF0403-1R4MTT	1.40 $\pm$ 20%	0.038	3.30
CMLF0403-1R8MTT	1.80 $\pm$ 20%	0.042	2.91
CMLF0403-2R2MTT	2.20 $\pm$ 20%	0.047	2.60
CMLF0403-2R7MTT	2.70 $\pm$ 20%	0.052	2.43
CMLF0403-3R3MTT	3.30 $\pm$ 20%	0.058	2.15
CMLF0403-3R9MTT	3.90 $\pm$ 20%	0.076	1.98
CMLF0403-4R7MTT	4.70 $\pm$ 20%	0.094	1.70
CMLF0403-5R6MTT	5.60 $\pm$ 20%	0.101	1.60
CMLF0403-6R8MTT	6.80 $\pm$ 20%	0.117	1.41
CMLF0403-8R2MTT	8.20 $\pm$ 20%	0.132	1.26
CMLF0403-100MTT	10.0 $\pm$ 20%	0.182	1.15
CMLF0403-120MTT	12.0 $\pm$ 20%	0.210	1.05
CMLF0403-150MTT	15.0 $\pm$ 20%	0.235	0.92
CMLF0403-180MTT	18.0 $\pm$ 20%	0.338	0.84
CMLF0403-220MTT	22.0 $\pm$ 20%	0.378	0.76
CMLF0403-270MTT	27.0 $\pm$ 20%	0.522	0.71
CMLF0403-330MTT	33.0 $\pm$ 20%	0.540	0.64
CMLF0403-390MTT	39.0 $\pm$ 20%	0.587	0.59
CMLF0403-470MTT	47.0 $\pm$ 20%	0.844	0.54
CMLF0403-560MTT	56.0 $\pm$ 20%	0.937	0.50
CMLF0403-680MTT	68.0 $\pm$ 20%	1.117	0.46
CMLF0403-820MTT	82.0 $\pm$ 20%	1.345	0.45
CMLF0403-101KTT	100.0 $\pm$ 10%	1.520	0.44
CMLF0403-121KTT	120.0 $\pm$ 10%	1.800	0.43
CMLF0403-151KTT	150.0 $\pm$ 10%	2.000	0.42
CMLF0403-181KTT	180.0 $\pm$ 10%	3.200	0.38
CMLF0403-221KTT	220.0 $\pm$ 10%	3.400	0.36
CMLF0403-271KTT	270.0 $\pm$ 10%	3.900	0.34
CMLF0403-331KTT	330.0 $\pm$ 10%	5.300	0.28
CMLF0403-391KTT	390.0 $\pm$ 10%	5.900	0.24
CMLF0403-471KTT	470.0 $\pm$ 10%	6.800	0.21
CMLF0403-561KTT	560.0 $\pm$ 10%	8.500	0.20
CMLF0403-681KTT	680.0 $\pm$ 10%	10.000	0.18
CMLF0403-821KTT	820.0 $\pm$ 10%	13.400	0.15
CMLF0403-102KTT	1000.0 $\pm$ 10%	15.600	0.14

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0502 Series:			
CMLF0502-1R0MTT	1.00 $\pm$ 20%	0.045	4.50
CMLF0502-1R2MTT	1.20 $\pm$ 20%	0.050	4.20
CMLF0502-1R5MTT	1.50 $\pm$ 20%	0.060	4.00
CMLF0502-1R8MTT	1.80 $\pm$ 20%	0.065	3.70
CMLF0502-2R2MTT	2.20 $\pm$ 20%	0.070	3.50
CMLF0502-2R7MTT	2.70 $\pm$ 20%	0.080	3.20
CMLF0502-3R3MTT	3.30 $\pm$ 20%	0.100	2.70
CMLF0502-3R9MTT	3.90 $\pm$ 20%	0.120	2.40
CMLF0502-4R7MTT	4.70 $\pm$ 20%	0.140	2.00
CMLF0502-5R6MTT	5.60 $\pm$ 20%	0.150	1.80
CMLF0502-6R8MTT	6.80 $\pm$ 20%	0.160	1.50
CMLF0502-8R2MTT	8.20 $\pm$ 20%	0.170	1.40
CMLF0502-100MTT	10.0 $\pm$ 20%	0.200	1.30
CMLF0502-120MTT	12.0 $\pm$ 20%	0.230	1.10
CMLF0502-150MTT	15.0 $\pm$ 20%	0.250	1.05
CMLF0502-180MTT	18.0 $\pm$ 20%	0.300	1.00
CMLF0502-220MTT	22.0 $\pm$ 20%	0.350	0.90
CMLF0502-270MTT	27.0 $\pm$ 20%	0.400	0.85
CMLF0502-330MTT	33.0 $\pm$ 20%	0.500	0.75
CMLF0502-390MTT	39.0 $\pm$ 20%	0.550	0.70
CMLF0502-470MTT	47.0 $\pm$ 20%	0.650	0.60
CMLF0502-560MTT	56.0 $\pm$ 20%	0.750	0.55
CMLF0502-680MTT	68.0 $\pm$ 20%	0.950	0.50
CMLF0502-820MTT	82.0 $\pm$ 20%	1.200	0.45
CMLF0502-101KTT	100.0 $\pm$ 10%	1.400	0.40
CMLF0502-121KTT	120.0 $\pm$ 10%	1.750	0.35
CMLF0502-151KTT	150.0 $\pm$ 10%	2.000	0.25
CMLF0502-181KTT	180.0 $\pm$ 10%	2.600	0.22
CMLF0502-221KTT	220.0 $\pm$ 10%	3.000	0.20
CMLF0502-271KTT	270.0 $\pm$ 10%	3.700	0.18
CMLF0502-331KTT	330.0 $\pm$ 10%	4.300	0.17
CMLF0502-391KTT	390.0 $\pm$ 10%	6.000	0.16
CMLF0502-471KTT	470.0 $\pm$ 10%	6.700	0.15
CMLF0502-561KTT	560.0 $\pm$ 10%	8.150	0.14
CMLF0502-681KTT	680.0 $\pm$ 10%	8.980	0.13
CMLF0502-821KTT	820.0 $\pm$ 10%	11.240	0.12
CMLF0502-102KTT	1000.0 $\pm$ 10%	15.250	0.11
CMLF0502-122KTT	1200.0 $\pm$ 10%	16.750	0.10

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0503 Series:			
CMLF0503-1R0MTT	1.00 $\pm$ 20%	0.030	4.50
CMLF0503-1R2MTT	1.20 $\pm$ 20%	0.030	4.20
CMLF0503-1R5MTT	1.50 $\pm$ 20%	0.030	4.10
CMLF0503-1R8MTT	1.80 $\pm$ 20%	0.030	3.70
CMLF0503-2R2MTT	2.20 $\pm$ 20%	0.030	3.50
CMLF0503-2R7MTT	2.70 $\pm$ 20%	0.040	3.20
CMLF0503-3R3MTT	3.30 $\pm$ 20%	0.050	2.80
CMLF0503-3R9MTT	3.90 $\pm$ 20%	0.060	2.60
CMLF0503-4R7MTT	4.70 $\pm$ 20%	0.070	2.50
CMLF0503-5R6MTT	5.60 $\pm$ 20%	0.080	2.40
CMLF0503-6R8MTT	6.80 $\pm$ 20%	0.090	2.20
CMLF0503-8R2MTT	8.20 $\pm$ 20%	0.100	2.00
CMLF0503-100MTT	10.0 $\pm$ 20%	0.120	1.80
CMLF0503-120MTT	12.0 $\pm$ 20%	0.130	1.75
CMLF0503-150MTT	15.0 $\pm$ 20%	0.150	1.70
CMLF0503-180MTT	18.0 $\pm$ 20%	0.180	1.60
CMLF0503-220MTT	22.0 $\pm$ 20%	0.220	1.50
CMLF0503-270MTT	27.0 $\pm$ 20%	0.240	1.40
CMLF0503-330MTT	33.0 $\pm$ 20%	0.300	1.10
CMLF0503-390MTT	39.0 $\pm$ 20%	0.400	1.00
CMLF0503-470MTT	47.0 $\pm$ 20%	0.430	0.90
CMLF0503-560MTT	56.0 $\pm$ 20%	0.500	0.85
CMLF0503-680MTT	68.0 $\pm$ 20%	0.600	0.80
CMLF0503-820MTT	82.0 $\pm$ 20%	0.800	0.65
CMLF0503-101KTT	100.0 $\pm$ 10%	0.900	0.60
CMLF0503-121KTT	120.0 $\pm$ 10%	1.000	0.58
CMLF0503-151KTT	150.0 $\pm$ 10%	1.300	0.43
CMLF0503-181KTT	180.0 $\pm$ 10%	1.500	0.41
CMLF0503-221KTT	220.0 $\pm$ 10%	2.000	0.38
CMLF0503-271KTT	270.0 $\pm$ 10%	2.500	0.35
CMLF0503-331KTT	330.0 $\pm$ 10%	3.200	0.28
CMLF0503-391KTT	390.0 $\pm$ 10%	3.500	0.26
CMLF0503-471KTT	470.0 $\pm$ 10%	4.200	0.20
CMLF0503-561KTT	560.0 $\pm$ 10%	4.500	0.19
CMLF0503-681KTT	680.0 $\pm$ 10%	6.000	0.18
CMLF0503-821KTT	820.0 $\pm$ 10%	6.500	0.15
CMLF0503-102KTT	1000.0 $\pm$ 10%	8.000	0.13
CMLF0503-122KTT	1200.0 $\pm$ 10%	12.500	0.12

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0504 Series:			
CMLF0504-1R0MTT	1.00 $\pm$ 20%	0.015	5.900
CMLF0504-1R2MTT	1.20 $\pm$ 20%	0.020	5.200
CMLF0504-1R5MTT	1.50 $\pm$ 20%	0.025	4.700
CMLF0504-1R8MTT	1.80 $\pm$ 20%	0.030	4.000
CMLF0504-2R2MTT	2.20 $\pm$ 20%	0.035	3.800
CMLF0504-2R7MTT	2.70 $\pm$ 20%	0.040	3.400
CMLF0504-3R3MTT	3.30 $\pm$ 20%	0.045	3.300
CMLF0504-3R9MTT	3.90 $\pm$ 20%	0.050	2.900
CMLF0504-4R7MTT	4.70 $\pm$ 20%	0.060	2.800
CMLF0504-5R6MTT	5.60 $\pm$ 20%	0.070	2.400
CMLF0504-6R8MTT	6.80 $\pm$ 20%	0.080	2.100
CMLF0504-8R2MTT	8.20 $\pm$ 20%	0.090	2.000
CMLF0504-100MTT	10.0 $\pm$ 20%	0.100	1.440
CMLF0504-120MTT	12.0 $\pm$ 20%	0.120	1.400
CMLF0504-150MTT	15.0 $\pm$ 20%	0.140	1.300
CMLF0504-180MTT	18.0 $\pm$ 20%	0.150	1.230
CMLF0504-220MTT	22.0 $\pm$ 20%	0.180	1.110
CMLF0504-270MTT	27.0 $\pm$ 20%	0.200	0.970
CMLF0504-330MTT	33.0 $\pm$ 20%	0.230	0.880
CMLF0504-390MTT	39.0 $\pm$ 20%	0.320	0.800
CMLF0504-470MTT	47.0 $\pm$ 20%	0.370	0.720
CMLF0504-560MTT	56.0 $\pm$ 20%	0.420	0.680
CMLF0504-680MTT	68.0 $\pm$ 20%	0.460	0.610
CMLF0504-820MTT	82.0 $\pm$ 20%	0.600	0.580
CMLF0504-101KTT	100.0 $\pm$ 10%	0.700	0.520
CMLF0504-121KTT	120.0 $\pm$ 10%	0.930	0.480
CMLF0504-151KTT	150.0 $\pm$ 10%	1.100	0.400
CMLF0504-181KTT	180.0 $\pm$ 10%	1.380	0.380
CMLF0504-221KTT	220.0 $\pm$ 10%	1.570	0.350
CMLF0504-271KTT	270.0 $\pm$ 10%	1.650	0.320
CMLF0504-331KTT	330.0 $\pm$ 10%	1.700	0.280
CMLF0504-391KTT	390.0 $\pm$ 10%	1.800	0.260
CMLF0504-471KTT	470.0 $\pm$ 10%	2.300	0.230
CMLF0504-561KTT	560.0 $\pm$ 10%	2.500	0.200
CMLF0504-681KTT	680.0 $\pm$ 10%	3.000	0.190
CMLF0504-821KTT	820.0 $\pm$ 10%	4.500	0.160
CMLF0504-102KTT	1000.0 $\pm$ 10%	4.800	0.140

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0703 Series:			
CMLF0703-1R0MTT	1.00 $\pm$ 20%	0.030	8.85
CMLF0703-1R2MTT	1.20 $\pm$ 20%	0.040	7.85
CMLF0703-1R5MTT	1.50 $\pm$ 20%	0.050	6.96
CMLF0703-1R8MTT	1.80 $\pm$ 20%	0.050	5.46
CMLF0703-2R2MTT	2.20 $\pm$ 20%	0.050	4.88
CMLF0703-2R7MTT	2.70 $\pm$ 20%	0.060	4.32
CMLF0703-3R3MTT	3.30 $\pm$ 20%	0.060	3.71
CMLF0703-3R9MTT	3.90 $\pm$ 20%	0.060	3.70
CMLF0703-4R7MTT	4.70 $\pm$ 20%	0.070	3.52
CMLF0703-5R6MTT	5.60 $\pm$ 20%	0.070	2.86
CMLF0703-6R8MTT	6.80 $\pm$ 20%	0.080	2.55
CMLF0703-8R2MTT	8.20 $\pm$ 20%	0.080	2.44
CMLF0703-100MTT	10.0 $\pm$ 20%	0.080	1.44
CMLF0703-120MTT	12.0 $\pm$ 20%	0.090	1.39
CMLF0703-150MTT	15.0 $\pm$ 20%	0.100	1.24
CMLF0703-180MTT	18.0 $\pm$ 20%	0.110	1.12
CMLF0703-220MTT	22.0 $\pm$ 20%	0.130	1.07
CMLF0703-270MTT	27.0 $\pm$ 20%	0.150	0.94
CMLF0703-330MTT	33.0 $\pm$ 20%	0.170	0.85
CMLF0703-390MTT	39.0 $\pm$ 20%	0.220	0.74
CMLF0703-470MTT	47.0 $\pm$ 20%	0.250	0.68
CMLF0703-560MTT	56.0 $\pm$ 20%	0.280	0.64
CMLF0703-680MTT	68.0 $\pm$ 20%	0.330	0.59
CMLF0703-820MTT	82.0 $\pm$ 20%	0.410	0.54
CMLF0703-101KTT	100.0 $\pm$ 10%	0.480	0.51
CMLF0703-121KTT	120.0 $\pm$ 10%	0.540	0.49
CMLF0703-151KTT	150.0 $\pm$ 10%	0.750	0.40
CMLF0703-181KTT	180.0 $\pm$ 10%	1.020	0.36
CMLF0703-221KTT	220.0 $\pm$ 10%	1.200	0.31
CMLF0703-271KTT	270.0 $\pm$ 10%	1.310	0.29
CMLF0703-331KTT	330.0 $\pm$ 10%	1.500	0.28
CMLF0703-391KTT	390.0 $\pm$ 10%	1.800	0.26
CMLF0703-471KTT	470.0 $\pm$ 10%	1.950	0.23
CMLF0703-561KTT	560.0 $\pm$ 10%	2.300	0.21
CMLF0703-681KTT	680.0 $\pm$ 10%	2.700	0.13
CMLF0703-821KTT	820.0 $\pm$ 10%	3.200	0.11
CMLF0703-102KTT	1000.0 $\pm$ 10%	3.800	0.08

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF0705 Series:			
CMLF0705-1R0MTT	1.00 $\pm$ 20%	0.030	11.25
CMLF0705-1R2MTT	1.20 $\pm$ 20%	0.030	9.87
CMLF0705-1R5MTT	1.50 $\pm$ 20%	0.040	8.35
CMLF0705-1R8MTT	1.80 $\pm$ 20%	0.040	7.12
CMLF0705-2R2MTT	2.20 $\pm$ 20%	0.050	6.52
CMLF0705-2R7MTT	2.70 $\pm$ 20%	0.060	6.06
CMLF0705-3R3MTT	3.30 $\pm$ 20%	0.060	5.26
CMLF0705-3R9MTT	3.90 $\pm$ 20%	0.060	4.68
CMLF0705-4R7MTT	4.70 $\pm$ 20%	0.070	4.54
CMLF0705-5R6MTT	5.60 $\pm$ 20%	0.070	4.25
CMLF0705-6R8MTT	6.80 $\pm$ 20%	0.070	3.45
CMLF0705-8R2MTT	8.20 $\pm$ 20%	0.070	3.10
CMLF0705-100MTT	10.0 $\pm$ 20%	0.070	2.30
CMLF0705-120MTT	12.0 $\pm$ 20%	0.080	2.00
CMLF0705-150MTT	15.0 $\pm$ 20%	0.090	1.80
CMLF0705-180MTT	18.0 $\pm$ 20%	0.100	1.60
CMLF0705-220MTT	22.0 $\pm$ 20%	0.110	1.50
CMLF0705-270MTT	27.0 $\pm$ 20%	0.120	1.30
CMLF0705-330MTT	33.0 $\pm$ 20%	0.130	1.20
CMLF0705-390MTT	39.0 $\pm$ 20%	0.160	1.10
CMLF0705-470MTT	47.0 $\pm$ 20%	0.180	1.10
CMLF0705-560MTT	56.0 $\pm$ 20%	0.240	0.94
CMLF0705-680MTT	68.0 $\pm$ 20%	0.280	0.85
CMLF0705-820MTT	82.0 $\pm$ 20%	0.370	0.78
CMLF0705-101KTT	100.0 $\pm$ 10%	0.430	0.72
CMLF0705-121KTT	120.0 $\pm$ 10%	0.470	0.66
CMLF0705-151KTT	150.0 $\pm$ 10%	0.640	0.58
CMLF0705-181KTT	180.0 $\pm$ 10%	0.710	0.51
CMLF0705-221KTT	220.0 $\pm$ 10%	0.960	0.49
CMLF0705-271KTT	270.0 $\pm$ 10%	1.110	0.42
CMLF0705-331KTT	330.0 $\pm$ 10%	1.260	0.40
CMLF0705-391KTT	390.0 $\pm$ 10%	1.770	0.36
CMLF0705-471KTT	470.0 $\pm$ 10%	1.960	0.34
CMLF0705-561KTT	560.0 $\pm$ 10%	2.000	0.33
CMLF0705-681KTT	680.0 $\pm$ 10%	2.200	0.32
CMLF0705-821KTT	820.0 $\pm$ 10%	2.900	0.25
CMLF0705-102KTT	1000.0 $\pm$ 10%	3.900	0.20

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF1004 Series:			
CMLF1004-1R0MTT	1.00 $\pm$ 20%	0.020	12.25
CMLF1004-1R5MTT	1.50 $\pm$ 20%	0.030	9.86
CMLF1004-2R2MTT	2.20 $\pm$ 20%	0.030	7.48
CMLF1004-3R3MTT	3.30 $\pm$ 20%	0.040	6.21
CMLF1004-4R7MTT	4.70 $\pm$ 20%	0.040	5.43
CMLF1004-6R8MTT	6.80 $\pm$ 20%	0.053	4.56
CMLF1004-100MTT	10.0 $\pm$ 20%	0.053	2.38
CMLF1004-120MTT	12.0 $\pm$ 20%	0.061	2.13
CMLF1004-150MTT	15.0 $\pm$ 20%	0.070	1.87
CMLF1004-180MTT	18.0 $\pm$ 20%	0.081	1.73
CMLF1004-220MTT	22.0 $\pm$ 20%	0.088	1.60
CMLF1004-270MTT	27.0 $\pm$ 20%	0.100	1.44
CMLF1004-330MTT	33.0 $\pm$ 20%	0.120	1.26
CMLF1004-390MTT	39.0 $\pm$ 20%	0.151	1.20
CMLF1004-470MTT	47.0 $\pm$ 20%	0.170	1.10
CMLF1004-560MTT	56.0 $\pm$ 20%	0.199	1.01
CMLF1004-680MTT	68.0 $\pm$ 20%	0.223	0.91
CMLF1004-820MTT	82.0 $\pm$ 20%	0.252	0.85
CMLF1004-101KTT	100.0 $\pm$ 10%	0.344	0.74
CMLF1004-121KTT	120.0 $\pm$ 10%	0.396	0.69
CMLF1004-151KTT	150.0 $\pm$ 10%	0.544	0.61
CMLF1004-181KTT	180.0 $\pm$ 10%	0.621	0.56
CMLF1004-221KTT	220.0 $\pm$ 10%	0.721	0.53
CMLF1004-271KTT	270.0 $\pm$ 10%	0.949	0.45
CMLF1004-331KTT	330.0 $\pm$ 10%	1.100	0.42
CMLF1004-391KTT	390.0 $\pm$ 10%	1.245	0.38
CMLF1004-471KTT	470.0 $\pm$ 10%	1.526	0.35
CMLF1004-561KTT	560.0 $\pm$ 10%	1.904	0.32
CMLF1004-681KTT	680.0 $\pm$ 10%	2.200	0.31
CMLF1004-821KTT	820.0 $\pm$ 10%	2.700	0.30

◆ Specification

Part Number	Inductance (μ H)	DCR (Ω) max.	IDC (A) max.
CMLF1004 Series:			
CMLF1005-1R0MTT	1.00 $\pm$ 20%	0.010	15.35
CMLF1005-1R5MTT	1.50 $\pm$ 20%	0.020	11.58
CMLF1005-2R2MTT	2.20 $\pm$ 20%	0.020	9.24
CMLF1005-3R3MTT	3.30 $\pm$ 20%	0.030	7.36
CMLF1005-4R7MTT	4.70 $\pm$ 20%	0.030	5.67
CMLF1005-6R8MTT	6.80 $\pm$ 20%	0.040	4.52
CMLF1005-100MTT	10.0 $\pm$ 20%	0.060	2.60
CMLF1005-150MTT	15.0 $\pm$ 20%	0.080	2.27
CMLF1005-220MTT	22.0 $\pm$ 20%	0.100	1.95
CMLF1005-330MTT	33.0 $\pm$ 20%	0.120	1.50
CMLF1005-470MTT	47.0 $\pm$ 20%	0.170	1.28
CMLF1005-560MTT	56.0 $\pm$ 20%	0.190	1.17
CMLF1005-680MTT	68.0 $\pm$ 20%	0.220	1.11
CMLF1005-820MTT	82.0 $\pm$ 20%	0.250	1.00
CMLF1005-101KTT	100.0 $\pm$ 10%	0.350	0.97
CMLF1005-121KTT	120.0 $\pm$ 10%	0.400	0.89
CMLF1005-151KTT	150.0 $\pm$ 10%	0.470	0.78
CMLF1005-181KTT	180.0 $\pm$ 10%	0.630	0.72
CMLF1005-221KTT	220.0 $\pm$ 10%	0.730	0.66
CMLF1005-271KTT	270.0 $\pm$ 10%	0.970	0.57
CMLF1005-331KTT	330.0 $\pm$ 10%	1.150	0.52
CMLF1005-391KTT	390.0 $\pm$ 10%	1.300	0.48
CMLF1005-471KTT	470.0 $\pm$ 10%	1.480	0.42
CMLF1005-561KTT	560.0 $\pm$ 10%	1.900	0.33
CMLF1005-681KTT	680.0 $\pm$ 10%	2.250	0.28
CMLF1005-821KTT	820.0 $\pm$ 10%	2.550	0.24