

MULTILAYER HIGH CURRENT CHIP INDUCTORS / CL(C) TYPE

FEATURES

- ◆ High mounting density of compact circuit due to crosstalk elimination that results from a closed magnetic flux in a ferrite material
- ◆ Suitable for flow and re-flow soldering
- ◆ Available in 5 sizes

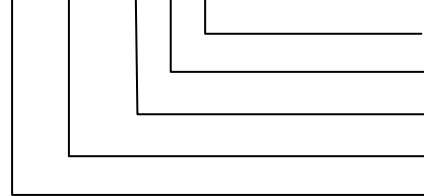


APPLICATIONS

- ◆ Personal computers, HDDs, or other various electronic appliances.
- ◆ Any general circuit of portable equipment in which compact size and high mounting densities are required.

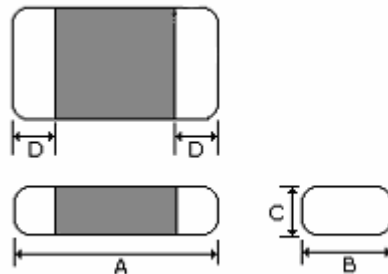
ORDERING CODE

CL 2012C 1R0 □- N



Note: lead-free
Tolerance (K:±10%, M:±20%)
Inductance
Dimension (AxB)
Product Symbol

SHAPES



DIMENSIONS UNIT: mm (inch)

Part No.	Dimensions			
	A	B	C	D
CL 2012C (0805)	2.00 ± 0.20	1.25 ± 0.20	1.0 (Max)	0.50 ± 0.30
CL 2016C (0806)	2.00 ± 0.20	1.60 ± 0.20	1.0 (Max)	0.50 ± 0.30
CL 2520C (1008)	2.50 ± 0.20	2.00 ± 0.20	0.6 (Max)	0.50 ± 0.30
CL 3216C (1206)	3.20 ± 0.20	1.60 ± 0.20	0.6 (Max)	0.50 ± 0.30
CL 3225C (1210)	3.20 ± 0.20	2.50 ± 0.20	1.0 (Max)	0.50 ± 0.30



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS

Part No.	Inductance (uH)	Test Freq. (MHz)	DC Resistance (Ω) 30%	Rated Current (A) Max
CL2012C-1R0M-N	1.0	1	0.18	1.00
CL2012C-1R5M-N	1.5	1	0.20	0.90
CL2012C-2R2M-N	2.2	1	0.23	0.80
CL2012C-3R3M-N	3.3	1	0.23	0.80
CL2012C-4R7M-N	4.7	1	0.23	0.80
CL2016C-1R0M-N	1.0	1	0.12	1.30
CL2016C-1R5M-N	1.5	1	0.12	1.30
CL2016C-2R2M-N	2.2	1	0.14	1.20
CL2016C-3R3M-N	3.3	1	0.18	1.00
CL2016C-4R7M-N	4.7	1	0.23	0.90
CL2520C-1R0M-N	1.0	1	0.10	1.50
CL2520C-1R5M-N	1.5	1	0.12	1.40
CL2520C-2R2M-N	2.2	1	0.14	1.30
CL2520C-3R3M-N	3.2	1	0.18	1.20
CL2520C-4R7M-N	4.7	1	0.23	1.00
CL2520C-6R8M-N	6.8	1	0.25	0.90
CL2520C-100M-N	10	1	0.30	0.80
CL3216C-1R0M-N	1.0	1	0.18	1.10
CL3216C-2R7M-N	2.7	1	0.20	1.00
CL3216C-3R3M-N	3.3	1	0.25	0.90
CL3216C-4R7M-N	4.7	1	0.35	0.70
CL3225C-1R0M-N	1.0	1	0.10	1.30
CL3225C-1R5M-N	1.5	1	0.12	1.30
CL3225C-2R2M-N	2.2	1	0.15	1.20
CL3225C-3R3M-N	3.3	1	0.17	1.10
CL3225C-4R7M-N	4.7	1	0.20	1.00
CL3225C-100M-N	10	1	0.35	0.80

