

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

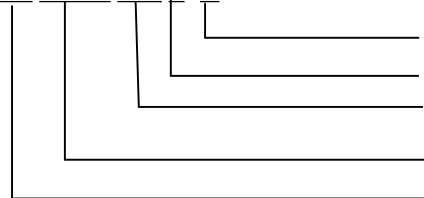


APPLICATIONS

- ◆ Computer motherboards.
- ◆ I/O interfaces.
- ◆ Various categories of consumer electronics.

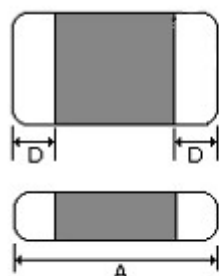
ORDERING CODE

CL 2016C 1R0 □- N



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

DIMENSIONS UNIT: mm (inch)



A	2.00 ± 0.2	m/m
B	1.60 ± 0.2	m/m
C	1.00 (Max)	m/m
D	0.70 (Max)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR CL2016C

Part No.	Inductance (uH)	Test Freq. (MHz)	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
CL2016C -R47M-N	0.47	1MHz / 250mV	100	0.182	1500
CL2016C -R68M-N	0.68	1MHz / 250mV	90	0.195	1500
CL2016C -R82M-N	0.82	1MHz / 250mV	80	0.208	1500
CL2016C -1R0M-N	1.00	1MHz / 250mV	60	0.208	1400
CL2016C -1R2M-N	1.20	1MHz / 250mV	60	0.208	1400
CL2016C -1R5M-N	1.50	1MHz / 250mV	50	0.260	1200
CL2016C -1R8M-N	1.80	1MHz / 250mV	50	0.260	1200
CL2016C -2R2M-N	2.20	1MHz / 250mV	40	0.286	1200
CL2016C -3R3M-N	3.30	1MHz / 250mV	30	0.312	1100
CL2016C -3R9M-N	3.90	1MHz / 250mV	30	0.364	1100
CL2016C -4R7M-N	4.70	1MHz / 250mV	20	0.390	1100



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