

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

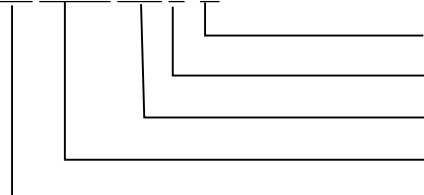


APPLICATIONS

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

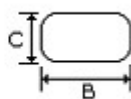
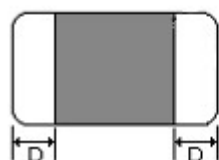
ORDERING CODE

CL 2012C 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	1.25 ± 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 CL2012C

Part No.	Inductance (uH)	Test Freq. (MHz)	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
CL2012C-R47M-N	0.47	1MHz / 250mV	100	0.125	1100
CL2012C-R68M-N	0.68	1MHz / 250mV	100	0.150	1000
CL2012C-R82M-N	0.82	1MHz / 250mV	90	0.175	900
CL2012C-1R0M-N	1.00	1MHz / 250mV	90	0.200	800
CL2012C-1R2M-N	1.20	1MHz / 250mV	80	0.200	800
CL2012C-1R5M-N	1.50	1MHz / 250mV	70	0.275	700
CL2012C-1R8M-N	1.80	1MHz / 250mV	60	0.275	700
CL2012C-2R2M-N	2.20	1MHz / 250mV	50	0.313	600
CL2012C-3R3M-N	3.30	1MHz / 250mV	40	0.338	500
CL2012C-4R7M-N	4.70	1MHz / 250mV	30	0.375	500



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