

# MULTILAYER CHIP INDUCTORS / CL 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 3 sizes

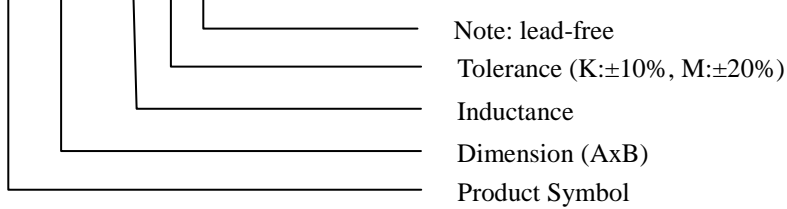


## APPLICATIONS

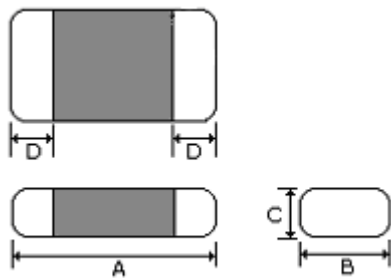
- ◆ Personal computers, HDDs, or other various electronic appliances.
- ◆ Any general circuit of portable equipment in which compact size and high mounting densities are required.

## ORDERING CODE

CL 3216 - 4R7 □ - N



## DIMENSIONS (UNIT: mm)



A	$3.2 \pm 0.2$	m/m
B	$1.6 \pm 0.2$	m/m
C	$1.1 \pm 0.3$	m/m
D	$0.5 \pm 0.3$	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



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### ELECTRICAL CHARACTERISTICS FOR CL3216

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
CL 3216-47N □-N	0.047	50	20	320	0.15	300
CL 3216-68N □-N	0.068	50	20	280	0.25	300
CL 3216-82N □-N	0.082	50	20	260	0.25	300
CL 3216-R10 □-N	0.10	25	25	235	0.25	250
CL 3216-R12 □-N	0.12	25	25	220	0.30	250
CL 3216-R15 □-N	0.15	25	25	200	0.30	250
CL 3216-R18 □-N	0.18	25	25	185	0.40	250
CL 3216-R22 □-N	0.22	25	25	170	0.40	250
CL 3216-R27 □-N	0.27	25	25	150	0.50	250
CL 3216-R33 □-N	0.33	25	25	145	0.50	250
CL 3216-R39 □-N	0.39	25	25	135	0.60	250
CL 3216-R47 □-N	0.47	25	25	125	0.60	200
CL 3216-R56 □-N	0.56	25	25	115	0.70	200
CL 3216-R68 □-N	0.68	25	25	105	0.80	150
CL 3216-R82 □-N	0.82	25	25	100	0.90	150
CL 3216-1R0 □-N	1.0	10	45	75	0.40	100
CL 3216-1R2 □-N	1.2	10	45	65	0.50	100
CL 3216-1R5 □-N	1.5	10	45	60	0.50	50
CL 3216-1R8 □-N	1.8	10	45	55	0.50	50
CL 3216-2R2 □-N	2.2	10	45	50	0.60	50
CL 3216-2R7 □-N	2.7	10	45	45	0.60	50
CL 3216-3R3 □-N	3.3	10	45	41	0.70	50
CL 3216-3R9 □-N	3.9	10	45	38	0.80	50
CL 3216-4R7 □-N	4.7	10	45	35	0.90	50
CL 3216-5R6 □-N	5.6	4	50	32	0.70	25
CL 3216-6R8 □-N	6.8	4	50	29	0.80	25
CL 3216-8R2 □-N	8.2	4	50	26	0.90	25
CL 3216-100 □-N	10	4	50	24	1.00	25