

MULTILAYER CHIP INDUCTORS / CL TYPE

FEATURES

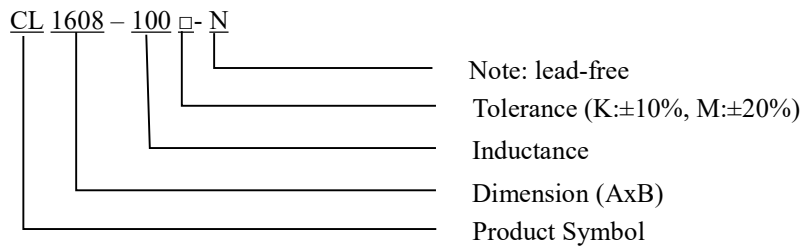
- ◆ High mounting density of compact circuit due to crosstalk elimination that results from a closed magnetic flux in a ferrite material
- ◆ Suitable for flow and re-flow soldering
- ◆ Available in 3 sizes



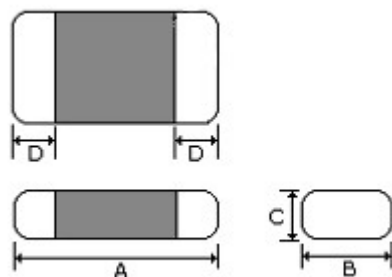
APPLICATIONS

- ◆ Industrial systems.
- ◆ Power modules.
- ◆ Communication devices.
- ◆ AI systems.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	1.6 ± 0.15	m/m
B	0.8 ± 0.15	m/m
C	0.8 ± 0.15	m/m
D	0.3 ± 0.20	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR CL1608

Part No.	Inductance (uH)	Test Freq. (MHz) 60mV	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
CL 1608-47N □-N	0.047	50	10	260	0.30	50
CL 1608-68N □-N	0.068	50	10	250	0.30	50
CL 1608-82N □-N	0.082	50	10	245	0.30	50
CL 1608-R10 □-N	0.10	25	15	240	0.50	50
CL 1608-R12 □-N	0.12	25	15	205	0.50	50
CL 1608-R15 □-N	0.15	25	15	180	0.60	50
CL 1608-R18 □-N	0.18	25	15	165	0.60	50
CL 1608-R22 □-N	0.22	25	15	150	0.80	50
CL 1608-R27 □-N	0.27	25	15	136	0.80	50
CL 1608-R33 □-N	0.33	25	15	125	0.85	35
CL 1608-R39 □-N	0.39	25	15	110	1.00	35
CL 1608-R47 □-N	0.47	25	15	105	1.35	35
CL 1608-R56 □-N	0.56	25	15	95	1.50	35
CL 1608-R68 □-N	0.68	25	15	85	1.70	35
CL 1608-R82 □-N	0.82	25	15	75	2.10	35
CL 1608-1R0 □-N	1.0	10	30	65	0.60	25
CL 1608-1R2 □-N	1.2	10	30	60	0.80	25
CL 1608-1R5 □-N	1.5	10	30	55	0.80	25
CL 1608-1R8 □-N	1.8	10	30	50	0.95	25
CL 1608-2R2 □-N	2.2	10	30	45	1.15	15
CL 1608-2R7 □-N	2.7	10	30	40	1.35	15
CL 1608-3R3 □-N	3.3	10	30	38	1.55	15
CL 1608-3R9 □-N	3.9	10	30	36	1.70	15
CL 1608-4R7 □-N	4.7	10	30	33	2.10	15
CL 1608-5R6 □-N	5.6	4	30	22	1.55	15
CL 1608-6R8 □-N	6.8	4	30	20	1.70	15
CL 1608-8R2 □-N	8.2	4	30	18	2.10	15
CL 1608-100 □-N	10	2	30	17	2.55	15



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