

Common Mode Power Inductors-CLCM-1006 Series



FEATURES

- Operating temperature range covers from -40 to $+105^{\circ}\text{C}$.
- Non-dissolution of the abutment amounts in circuit board mounting.
- The products contain no lead and also support lead-free soldering.
- This product conforms to the standards that are slated to be introduced under the RoHS Directive.

APPLICATIONS

- Video recorders, OA equipment, LCD computer, GPS, Notebook computer, DC - DC converters, etc

PRODUCT IDENTIFICATION

01

CLCM

02

1006

03

C

05

Y

01

Type

CLCM	Common Mode Inductor
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02

External Dimensions (LxW)(mm)

1006	10.0x 8.7
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03

Performance Code

C

04

Nominal Inductance

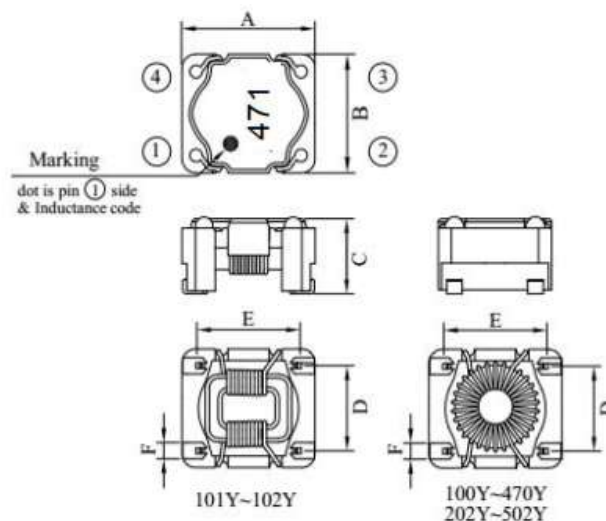
Example	Nominal value
100	10uH
101	100uH
102	1000uH

05

Tolerance

M	±20%
N	±30%
Y	±50%

SHAPE AND DIMENSIONS

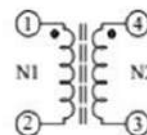
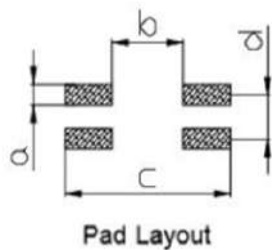


Specifications subject to change without notice. Please check our website for latest information.

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Part Number	Dimensions(mm)					
	A	B	C	D	E	F
CLCM-1006	9.5±0.5	8.7±0.3	6.5Max	6.2±0.1	7.62±0.1	1.4Ref

RECOMMENDED PC BOARD PATTERN



Part Number	Dimensions(mm)			
	a	b	c	d
CLCM-1006	2.7Typ	4.92Typ	10.32Typ	3.52Typ

SPECIFICATIONS

● CLCM1006 TYPE

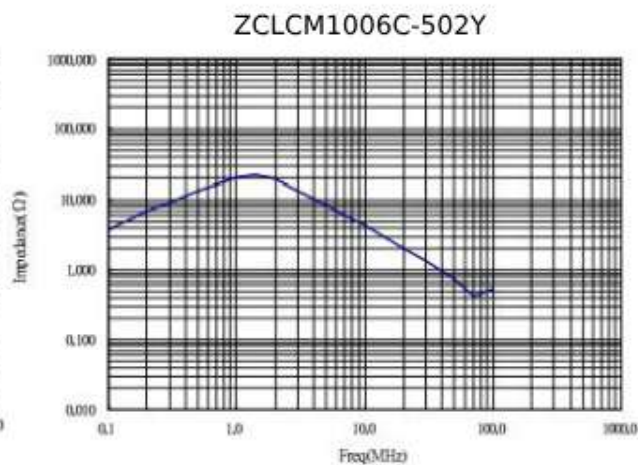
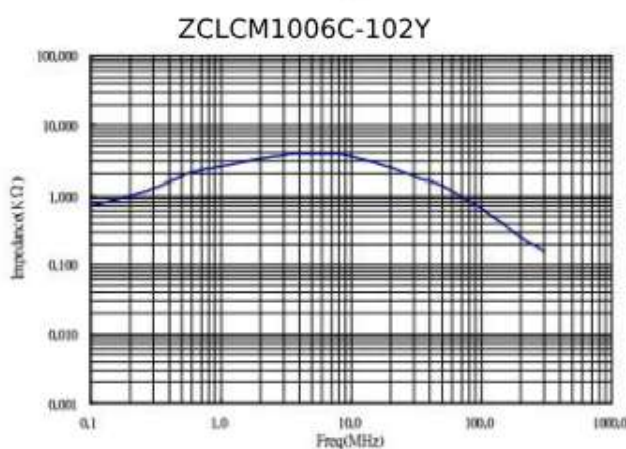
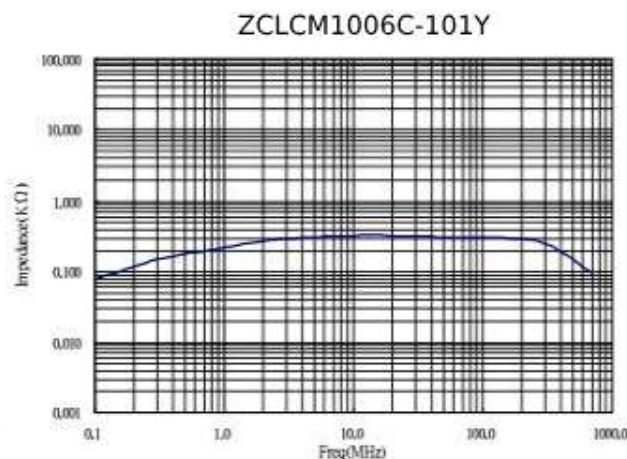
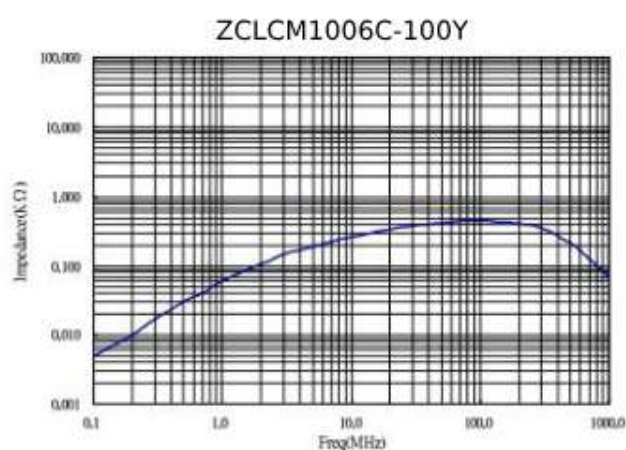
Part Number	Inductance L1=L2 (uh)	Test Frequency (KHz/V)	DCR N1 N2 Max(Ω)	Rated Current Max (A)	Impedance(Q)Min	Frequency Rang (MHz)	Hi-Pot(Vac)3mA/IS
CLCM-1006C-100Y	6uh +40%/-40%	1.0/0.1V	0.003	4.0	100	10-300	600
CLCM-1006C-220Y	22uh +40%/-40%	1.0/0.1V	0.035	3.8	300	10-200	600
CLCM-1006C-470Y	47uh +40%/-40%	1.0/0.1V	0.040	3.2	800	10-100	600
CLCM-1006C-101Y	100uh +40%/-40%	1.0/0.1V	0.030	3.0	100	10-300	1000
CLCM-1006C-121Y	120uh +40%/-40%	1.0/0.1V	0.025	2.5	200	10-200	1000
CLCM-1006C-201Y	200uh +40%/-40%	1.0/5mV	0.015	3.0	300	7-150	1000
CLCM-1006C-221Y	100uh +40%/-40%	1.0/5mV	0.032	2.2	350	7-150	1000
CLCM-1006C-251Y	250uh +40%/-40%	1.0/5mV	0.035	2.0	400	5-100	1000
CLCM-1006C-331Y	330uh +40%/-40%	1.0/5mV	0.048	2.5	500	5-100	1000
CLCM-1006C-471Y	470uh +40%/-40%	1.0/5mV	0.065	1.6	900	2-40	1000
CLCM-1006C-501Y	500uh +40%/-40%	1.0/5mV	0.070	1.5	800	2-50	1000



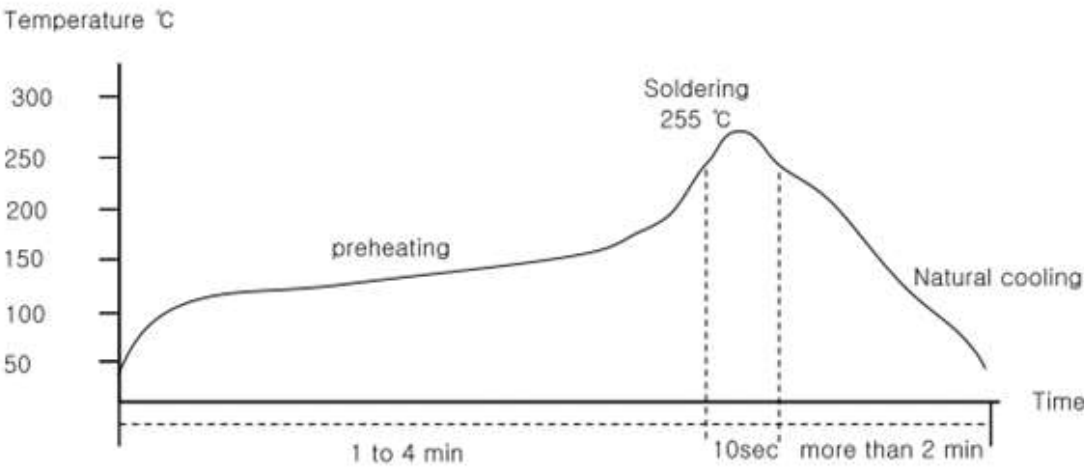
Part Number	Inductance L1=L2 (uh)	Test Frequency (KHz/V)	DCR N1 N2 Max(Ω)	Rated Current Max (A)	Impedance(Q)Min	Frequency Rang (MHz)	Hi-Pot(Vac)3mA/IS
CLCM-1006C-102Y	1000uh +40%/-40%	1.0/5mV	0.180	0.95	1400	1-40	1000
CLCM-1006C-202Y	2000uh +40%/-40%	1.0/5mV	0.270	0.80	2000	0.5-15	300
CLCM-1006C-222Y	2200uh +40%/-40%	1.0/5mV	0.300	0.75	3400	1-11	300
CLCM-1006C-332Y	3300uh +40%/-40%	1.0/5mV	0.330	0.65	4400	0.9-7	300
CLCM-1006C-472Y	4700uh +40%/-40%	1.0/5mV	0.72	0.35	6200	0.6-3	300
CLCM-1006C-502Y	5000uh +40%/-40%	1.0/5mV	0.78	0.30	5000	0.5-3	300

DETAIL ELECTRICAL CHARACTERISTICS

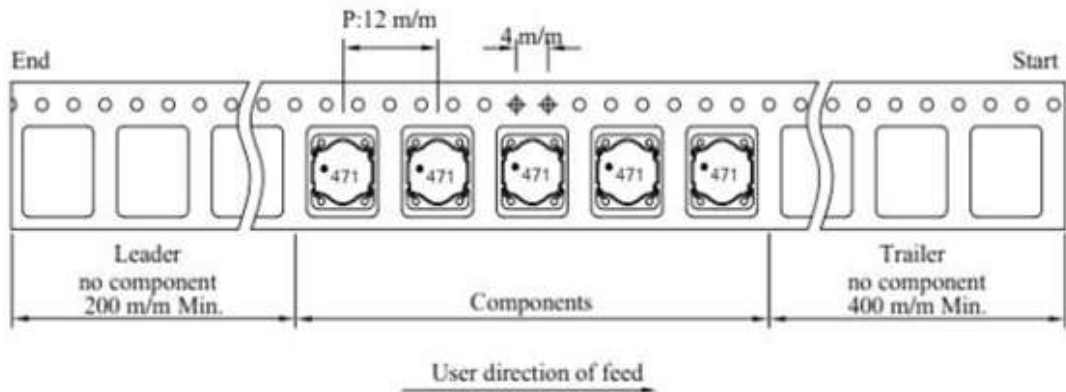
● CLCM1006



RELIABILITY TEST

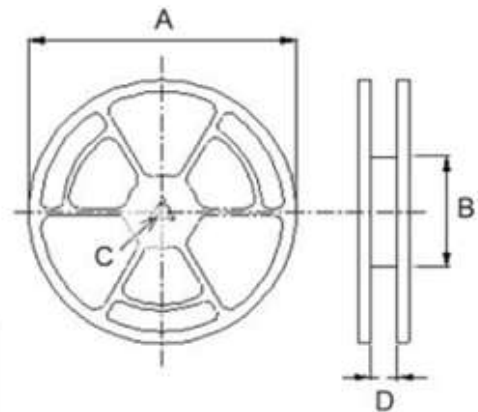
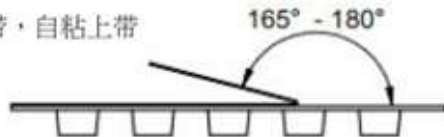


PACKAING STYLE



Tape width	Distance	Pull-of force
24 mm	12 mm	10~130g

透明下带，自粘上带



Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	24.5	800

