

CLCM-0905C Series Common Mode Filters



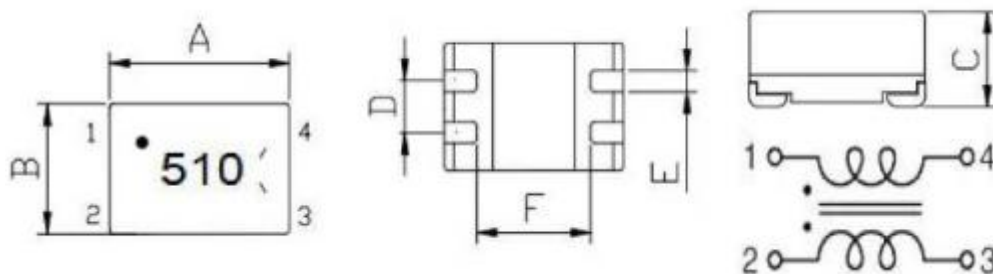
FEATURES

- 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

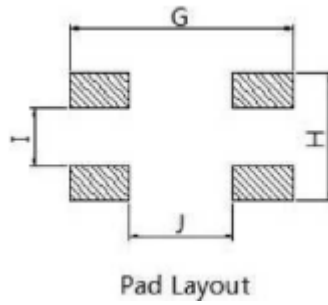
- Video recorders, OA equipment, LCD computer.
- GPS
- Notebook computer, DC - DC converters, etc

SHAPE AND DIMENSIONS



Part Number	Dimensions (mm)					
	A	B	C	D	E	F
CLCM-0905C	9.2±0.3	6.0±0.3	5.0±0.3	2.54±0.2	1.0±0.1	5.7Typ

RECOMMENDED PC BOARD PATTERN



Part Number	Dimensions (mm)			
	G	H	I	J
CLCM-0905C	6.0Typ	5.1Typ	2.5Typ	1.5Typ

PRODUCT IDENTIFICATION

CLCM - 0905 C 100 Y
 (1) (2) (3) (4) (5)

- ① Series name
- ② Dimensions L*W*H
- ③ Type
- ④ Inductance: 100-10uH 101-100uH 102-1000uH
- ⑤ Tolerance: K: ±10% M: ±20% N: ±30% Y:50%

SPECIFICATIONS

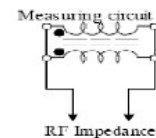
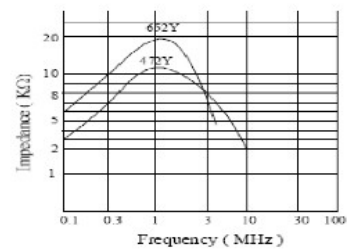
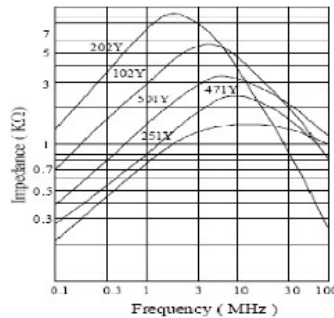
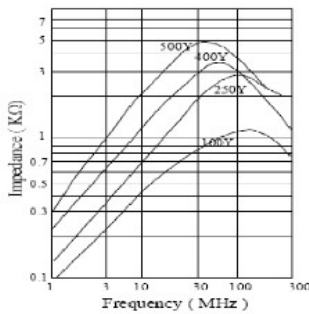
● CLCM-0905C TYPE

Part Number	Inductance L1=L2 (uh)	Test Frequency (KHz/V)	DCR N1 N2 Max(Ω)	Rated Current Max (A)	Impedance(Q)Min	FrequencyRang (MHz)	Rate Volt(Vdc)Max	IR (Q) Min
CLCM-0905C-100Y	10uh +50%/-30%	1.0/0.1V	0.08	1.6	300	20-200	50	10M
CLCM-0905C-250Y	25uh +50%/-30%	1.0/0.1V	0.16	1.0	600	5-100	50	10M
CLCM-0905C-400Y	40uh +50%/-30%	1.0/0.1V	0.25	0.9	800	5-100	50	10M
CLCM-0905C-510Y	51uh +50%/-30%	1.0/0.1V	0.32	0.8	1000	5-50	50	10M
CLCM-0905C-251Y	250uh +50%	1.0/5mV	0.13	1.2	600	5-50	50	10M
CLCM-0905C-471Y	470uh +50%	1.0/5mV	0.14	1.1	800	1-50	50	10M
CLCM-0905C-501Y	500uh +50%	1.0/5mV	0.15	1.0	900	1-40	50	10M
CLCM-0905C-102Y	1000uh +50%	1.0/5mV	0.31	0.8	1000	1-30	50	10M
CLCM-0905C-202Y	2000uh +50%	1.0/5mV	0.42	0.6	3000	1-10	50	10M
CLCM-0905C-472Y	4700uh +50%	1.0/5mV	0.90	0.4	3000	0.5-5	50	10M
CLCM-0905C-652Y	6500uh +50%	1.0/5mV	1.05	0.3	4000	0.3-2	50	10M

Note: When ordering, please specify tolerance code. Tolerance: M: $\pm 20\%$ 、N: $\pm 30\%$;

1. Operating temperature range -40 -125 °C
2. Isat for idncutance drop 30% from its value without current

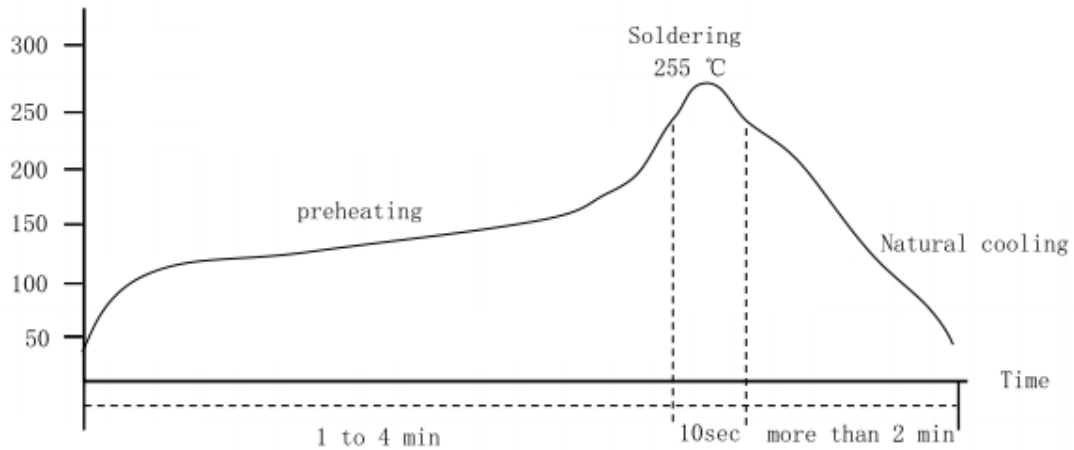
● Impedance VS Frequency



● Reliability Test

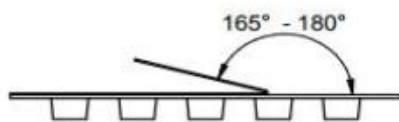
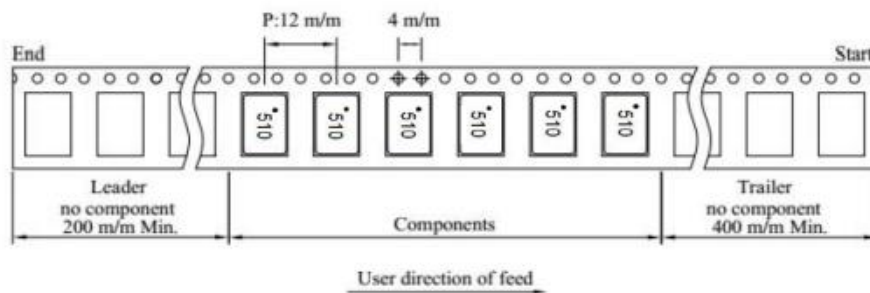
IR Reflow profile

Temperature °C

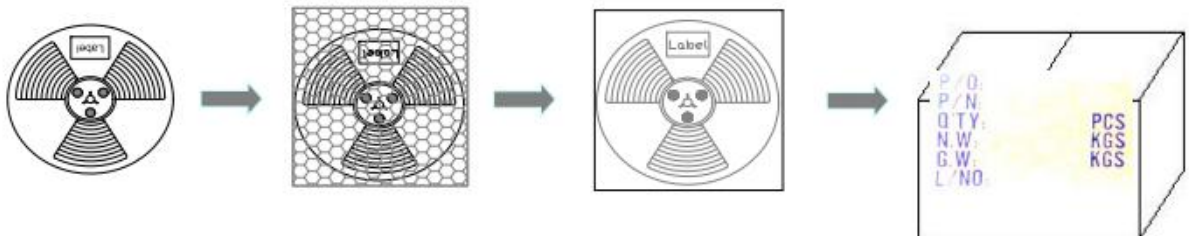


Temperature and humidity . After that , no mechanical and electrical defect should be found .

● Packaging Specifications



Tape width	Distance	Pull-of force
16 mm	12 mm	10~120g



轮盘: 13' (直径330mm)
数量: 1000PCS/盘

PE袋
数量: 3000PCS/袋

内盒
数量: 3000PCS/盒

外箱, 数量: 15000PCS/箱
不足整箱用内盒或填充物装满