



SPECIFICATION FOR APPROVAL
产品规格承认书
CHIP COMMON MODE INDUCTOR
贴片共模电感

CUSTOMER.

MODEL NO.

MACM1211-501

CUSTOMER'S PART NO.

LILE NO.

DATE.

2023.07.05

REVISION.

A/1

NUMBER.

CUSTOMER APPROVE

DATE:

DRAWING

DRAWN BY

CHECK BY

APPROVAL BY

林思思

陈健波

曾伟

DATE: 2023.07.05



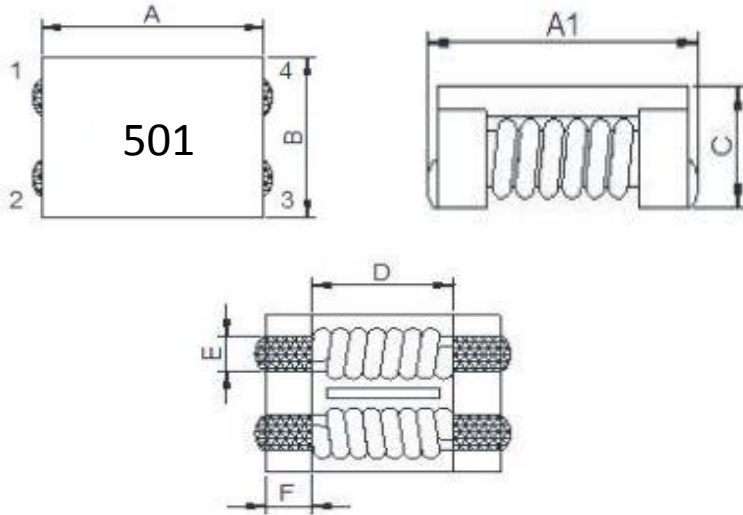
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CUSTOMER		MODEL NO.	MACM1211-501	REVISION	A/1
FILE NO.		PART NO.		DATE	2023.07.05

1.PRODUCT DIMENSION

UNIT:mm



A	12.0±0.5
A1	12.5±0.5
B	10.8±0.5
C	6.4Max
D	7.0Typ
E	2.7±0.2
F	2.5±0.2

2.ELECTRICAL REQUIREMENTS

Part Number	Impedance(Ω) @100MHZ /0.1V		DC Resistance (mΩ) Max	Rated current (A) Max	Rated Voltage (V) Max	Insulation Resistance (MΩ)Min	Marking
	MIN	TYP					
MACM1211-501	300	500	5	8	125	10	501

3.MATERIAL LIST

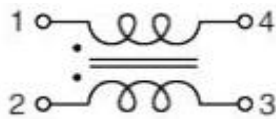
NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	SINCORES OR EQ
2	WIRE	2UEW P180	ELEKTRISOLA OR EQ
3	BASE	LCP	LIANGCHENG OR EQ
4	SOLDER	Sn Cu	SHENMAO OR EQ
5	INK	白色	BON MARK

4.CHARACTERISTICS

- (1). All test data is based on 25℃ ambient.
- (2). DC current(A)that will cause an approximate $\Delta T 40^{\circ}\text{C}$
- (3). Operating temperature range: $-40^{\circ}\text{C}\sim +125^{\circ}\text{C}$
- (4).Storage condition: Temperature 5 to 40°C , RH≤70%
- (5).The part temperature (ambient + temp rise)should not exceed 125°C under worst case operating conditions. circuit design, component.PWB trace size and thickness,airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the den application

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5.CIRCUIT DIAGRAM



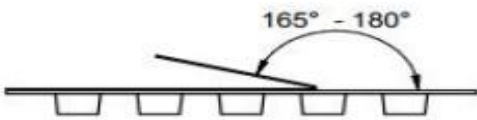
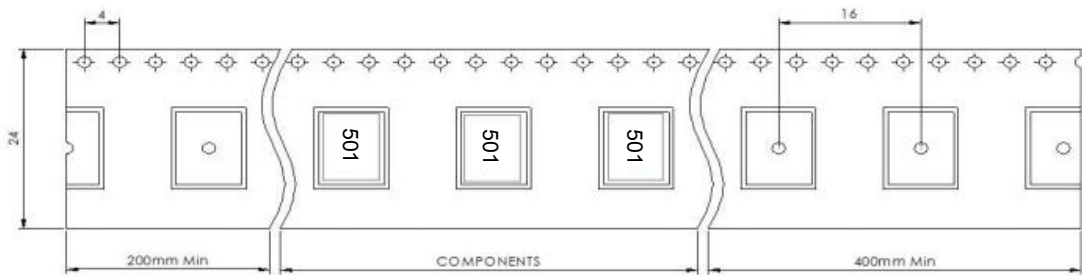
6.APPLIATION

- (2)EMI/RFI chokes.
- (3)SCR and triac controls.
- (4)Power amplifiers.

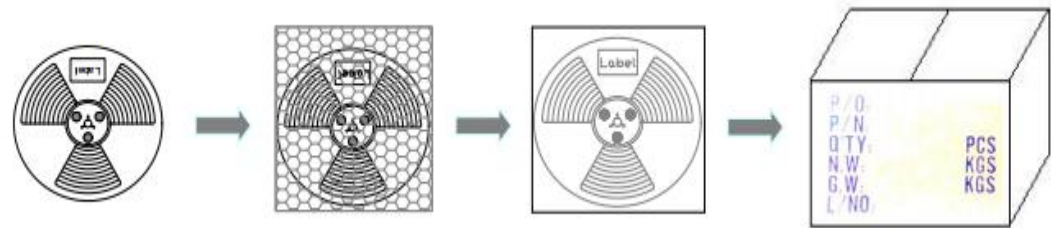
7.FEATURES

- (1)Cost effective design.
- (2)ultra high current rating.

8、PACKAGING



Tape width	Distance	Pull-of force
24mm	16mm	10-120g



轮盘: 24 (直径330mm)
数量: 500PCS/盘

PE袋
数量: 500PCS/袋

内盒
数量: 1000PCS/盒

外箱, 数量: 5000PCS/箱
不足整箱用内盒或填充物装满