

承 认 书

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUSTOMER P/N:

Cybermax P/N:

CMW1211M-SERIES

DRAWN NO. :

CM19052901

DATE:

19. 05. 29

REVISION NO.

A

Signature:

APPROVED BY

CHECKED BY

DRAWN BY

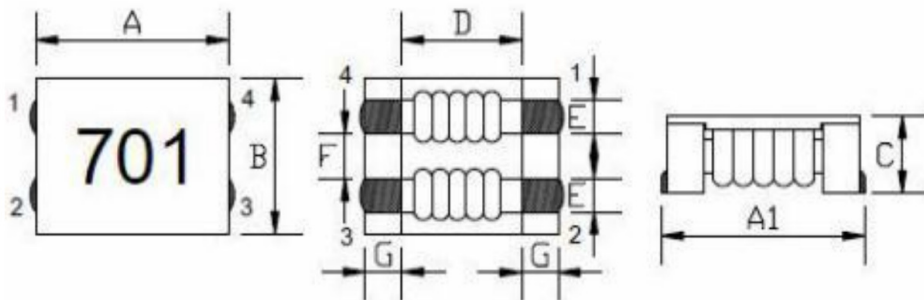
cybermax
cybermaxtech.com



www.cybermaxtech.com

CUSTOMER:		PAGE:	1/7
CUSTOMER P/N:		REVISION:	V01
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
DRAWN NO.:	CM19052901		

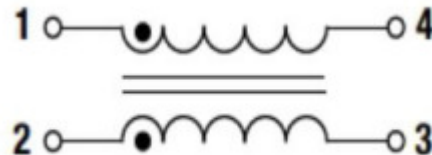
SHAPE & DIMENSION (UNIT:mm)



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
G	2.5±0.2

Marking Code: Size: Color: 黑色 typeface:

ELECREICAL SCHEMATIC:



CUSTOMER:		PAGE:	2/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
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Part Number	Z (Ω) @100MHz		DCR (m Ω)	Rated current (A)	IR (m Ω)	Rated Voltage (V)	印字
	Min	Typ	Max	Max	Min	Max	
CMW1211M-800	80	230	2	10.0	10	125	800
CMW1211M-701	500	700	6	8.0	10	125	701
CMW1211M-102	750	1000	14	6.0	10	125	102

测试仪器：

Z (Q) : HP4395A

RDC (Q) : CH502BC

Rated Current (A) : CH1062A+CH1320

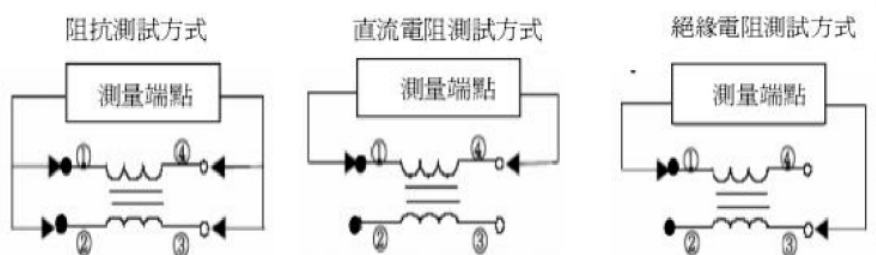
IR (MQ) : CH19073

Rated Voltage (V) : CH9052

注意事项

1.平贴度为 0.10mmMax.

2.特性测试方法



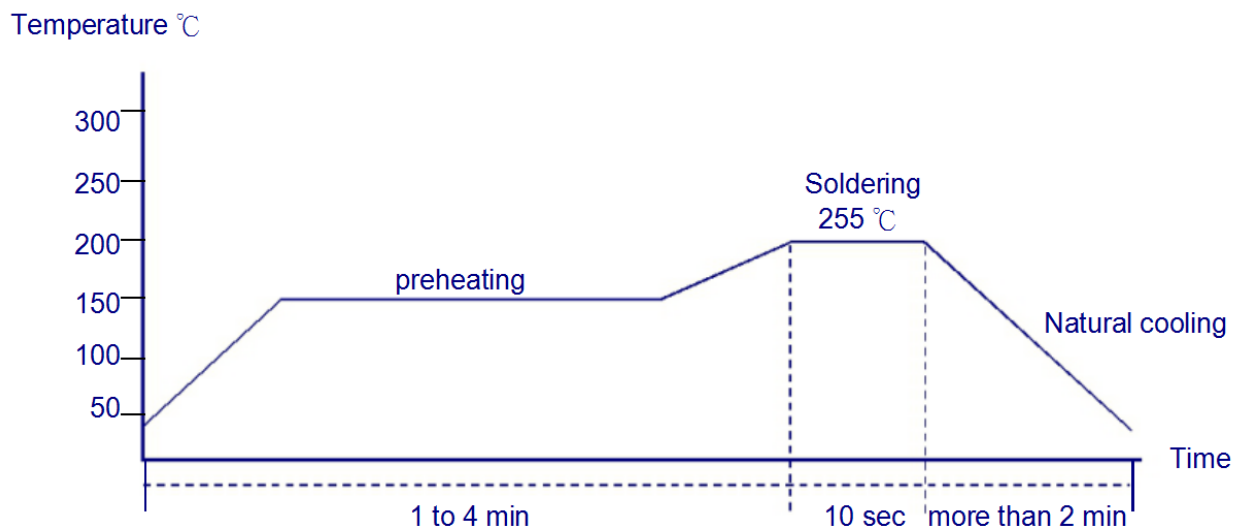
CUSTOMER:		PAGE:	3/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
DRAWN NO.:	CM19052901		

RELIABILITY TEST

Test Items	Test Conditions	Criteria
1. Low temperature storage	Placed at -40℃ for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within $\pm 10\%$ of the initial value.
2. High temperature storage	Placed at +125℃ for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within $\pm 10\%$ of the initial value.
3. Thermal shock	-40℃, 30min. $\sim$ +125℃, 30min., 500hours	Inductance shall be within $\pm 10\%$ of the initial value.
4. Humidity resistance	Placed at 90 to 95%RH, +50℃ for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within $\pm 10\%$ of the initial value. Insulation resistance > 100Mohm at DC
5. Drop	Drop specimen three times on concrete floor from a height of 1 meter which mounted on test board.	Inductance shall be within $\pm 10\%$ of the initial value.
6. Vibration	Frequency: 10~500Hz Amplitude: 1.5mm or 10G Sweep time: 1oct/min Test Directions: X,Y,Z Test Time: 2 hours each direction	Inductance shall be within $\pm 10\%$ of the initial value.
7. Terminal strength	Add static load 4.9N (500gf) to inductor through hole of test board for 10 $\pm$ 2 sec.	No detachment of terminal pin and no breakage of wire.
8. Soldering heat resistance	Dip inductor's terminal in solder bath of following conditions: 1) 260 $\pm$ 5℃, 10 $\pm$ 1sec, 2) 350 $\pm$ 10℃, 3.5 $\pm$ 0.5sec	Inductance shall be within $\pm 10\%$ of the initial value. Appearance: No damage

CUSTOMER:		PAGE:	4/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
DRAWN NO.:	CM19052901		

REFLOW-PROFILE



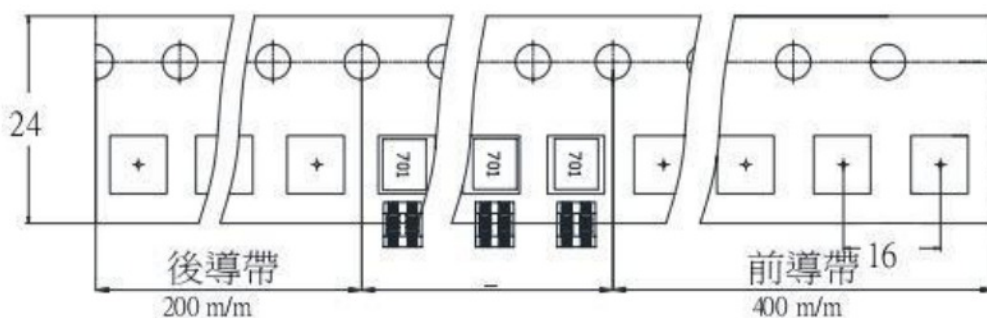
CUSTOMER:		PAGE:	5/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
DRAWN NO.:	CM19052901		

BOM

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	SINCORES OR EQ
2	WIRE	2UEW P180	ELEKTRISOLA OR EQ
3	膠帶	DM 膠帶	HENGRENXIN OR EQ
4	SOLDER	Sn Cu	SHENMAO OR EQ
5	EPOXY	ME-5890	PENGNO OR EQ
6	INK	黑色	BON MARK

CUSTOMER:		PAGE:	6/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
DRAWN NO.:	CM19052901		

PACKAGING

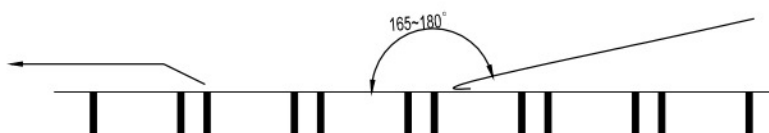


起始字需对准定位孔, 印字仅供参考

Transparent carrier and cover tape/透明載帶和覆蓋帶

Adhesive strength of cover tape is 20 to 120 gf

The conduction band direction

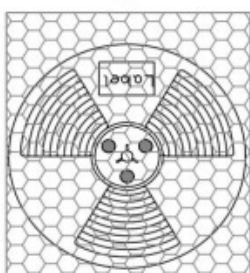


CUSTOMER:		PAGE:	7/7
CUSTOMER P/N:		REVISION:	
Cybermax P/N:	CMW1211M-SERIES	DATE:	19.05.29
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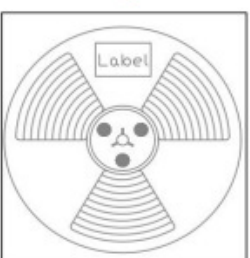
PACKAGING



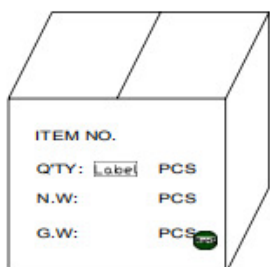
- 1、轮盘规格：13"(直径330mm)
数量：500PCS/盘
作业说明：A.摆料方向为字首朝导带孔。
B.载带尾部用美纹胶纸固定。



- 2、数量：500PCS/袋。
作业说明:编带检查好的产品装进PE中。



- 3、数量：1000PCS/盒
作业说明：标签朝上装入内盒里面，将内盒盖扣好。



- 4、数量：5000PCS/箱。
作业说明：A.先将内、外箱底部封好，内箱装进外箱里面。
B.将内盒装进内、外箱里面，并用透明胶带封好外箱顶部。
C.在外箱位置贴一张外箱标签。
D.当尾数箱不足一整箱时需用内盒或填充物装满。