

承认书

SPECIFICATION FOR APPROVAL

CUSTOMER:			
CUSTOMER P/N:			
Cybermax P/N:	CMW1513F-SERIES		
DRAWN NO. :	CM19041201		
DATE:	19. 04. 12	REVISION NO.	A

Signature:

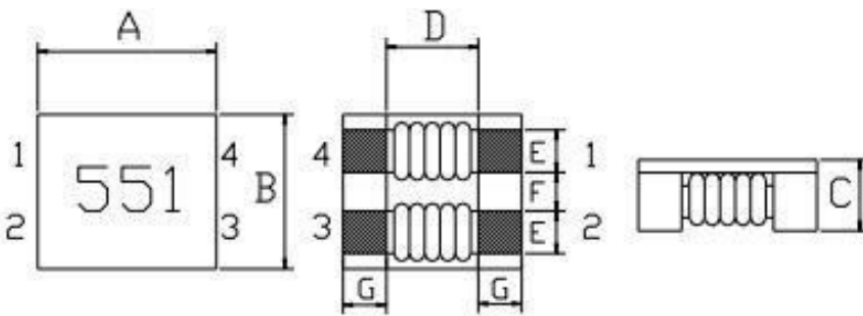
APPROVED BY	CHECKED BY	DRAWN BY





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Cybermax P/N:	CMW1513F-SERIES	DATE:	19.04.12
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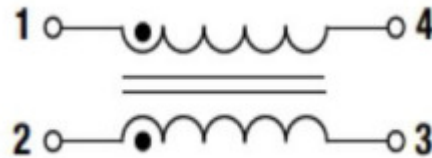
### SHAPE & DIMENSION (UNIT:mm)



A	15.0±0.5
B	13.0±0.5
C	6.0Max
D	10.4Typ
E	2.7±0.2
F	3.8±0.2
G	2.3±0.2

Marking Code:                      Size:                      Color: 白色                      typeface:

### ELECTRICAL SCHEMATIC:



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Part Number	Z (Ω) @100MHz		DCR (mΩ)	Rated current (A)	IR (mΩ)	Rated Voltage (V)	印字
	Min	Typ	Max	Max	Min	Max	
CMW1513F-301	250	300	5	13.0	10	80	301
CMW1513F-551	450	550	6	10.0	10	80	551
CMW1513F-701	500	700	7	10.0	10	80	701

测试仪器：

Z ( Q ) : HP4395A

RDC ( Q ) : CH502BC

Rated Current ( A ) : CH1062A+CH1320

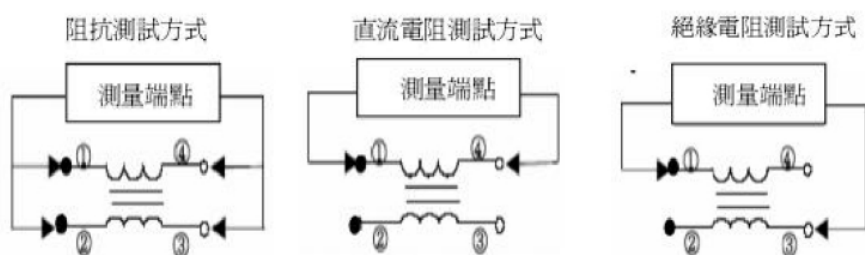
IR ( MQ ) : CH19073

Rated Voltage ( V ) : CH9052

注意事项

1.平贴度为 0.10mmMax.

2.特性测试方法



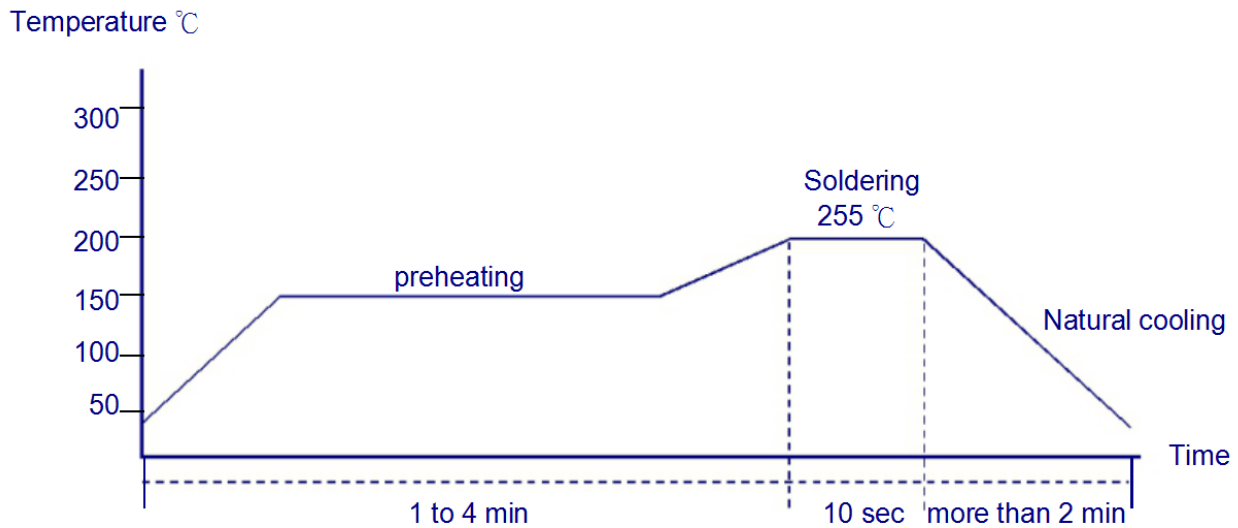
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### RELIABILITY TEST

Test Items	Test Conditions	Criteria
1. Low temperature storage	Placed at -40°C for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within ±10% of the initial value.
2. High temperature storage	Placed at +125°C for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within ±10% of the initial value.
3. Thermal shock	-40°C, 30min. ~ +125°C, 30min., 500hours	Inductance shall be within ±10% of the initial value.
4. Humidity resistance	Placed at 90 to 95%RH, +50°C for 500 hours, then measured at room ambient temperature after placing 24 hours.	Inductance shall be within ±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 ±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 ±10% of the initial value.
7. Terminal strength	Add static load 4.9N (500gf) to inductor through hole of test board for 10±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±5°C, 10±1sec, 2) 350±10°C, 3.5±0.5sec	Inductance shall be within ±10% of the initial value. Appearance: No damage

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### REFLOW-PROFILE



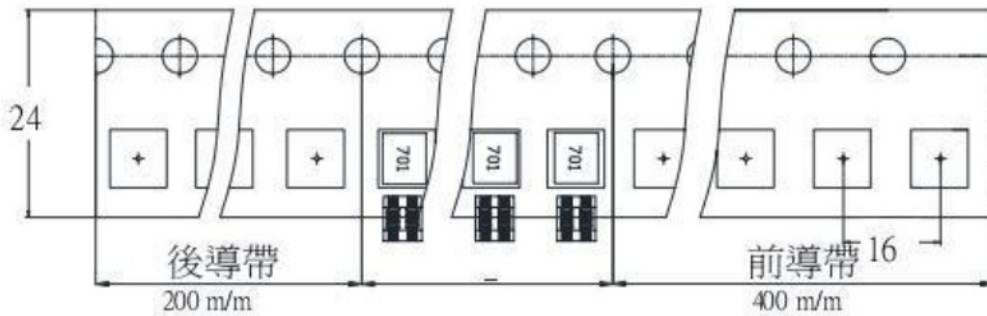
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### BOM

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	SINCORES OR EQ
2	WIRE	2UEW P180	PACIFIC OR EQ
3	BASE	LCP	LIANGCHENG OR EQ
4	SOLDER	Sn Cu	SHENMAO OR EQ
5	EPOXY	661	QIHU OR EQ
6	INK	白色	BON MARK

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**PACKAGING**

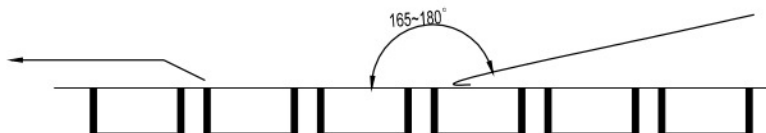


起始字需对准定位孔, 印字仅供参考

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

Adhesive strength of cover tape is 20 to 120 gf


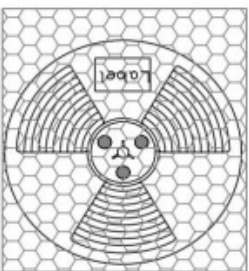

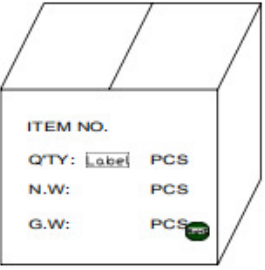
The conduction band direction





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### PACKAGING

	<p>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。</p>
	<p>2、数量：500PCS/袋。 作业说明:编带检查好的产品装进PE中。</p>
	<p>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。</p>
	<p>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。</p>