

承 认 书

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUSTOMER P/N:

Cybermax P/N:

CMW9050B-SERIES

DRAWN NO. :

CM190701

DATE:

19. 07. 01

REVISION NO.

A

Signature:

APPROVED BY

CHECKED BY

DRAWN BY

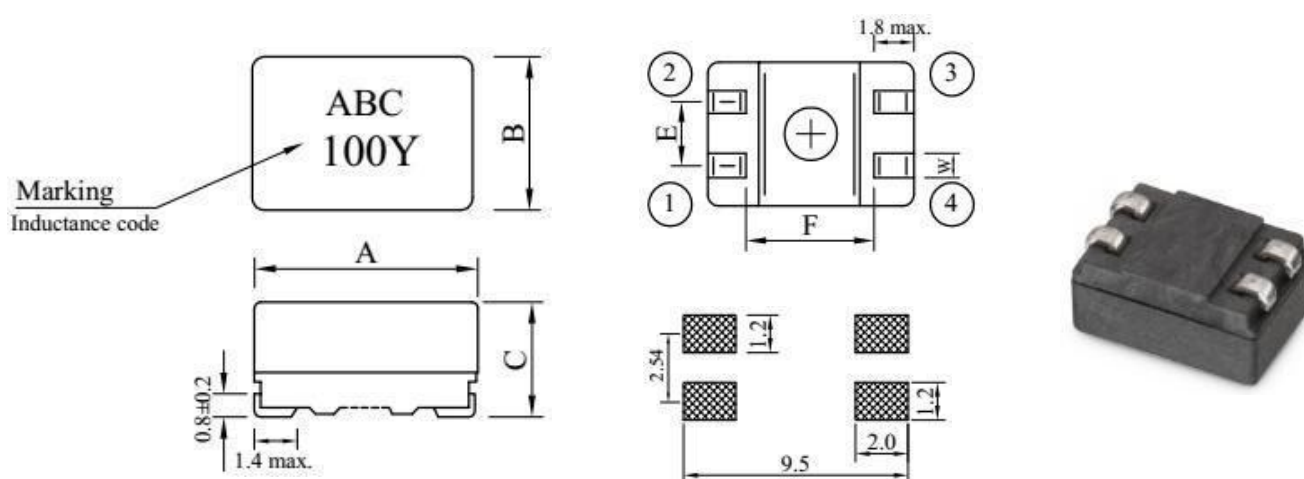
cybermax
cybermaxtech.com



www.cybermaxtech.com

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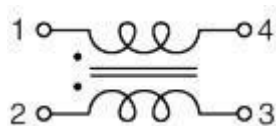
SHAPE & DIMENSION (UNIT:mm)



ITEM	A	B	C	R	F	W
DIM	9.2	6.0	5.0	2.54	5.70	1.0
TOLE	±0.3	±0.3	±0.3	±0.2	Ref	±0.1

Marking Code: Size: Color: 白色 typeface:

ELECREICAL SCHEMATIC:



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Part Number	Inductance L1=L2 (uH)	Test Frequency	DC Resistance 1-4,2-3 (Ω) Max.	Rated Current (A) Max.	Rated Volt. (Vdc)Max.	IR (Ω)min.
CMW9050B-100Y	10±30%	1KHz/0.1V	0.08	1.6	80	10M
CMW9050B-250Y	25±30%	1KHz/0.1V	0.16	1.0	80	10M
CMW9050B-400Y	40±30%	1KHz/0.1V	0.25	0.9	80	10M
CMW9050B-510Y	51±30%	1KHz/0.1V	0.32	0.8	80	10M
CMW9050B-251Y	250±50%	100KHz/5mV	0.13	1.2	80	10M
CMW9050B-471Y	470±50%	100KHz/5mV	0.14	1.1	80	10M
CMW9050B-501Y	500±50%	100KHz/5mV	0.15	1.0	80	10M
CMW9050B-102Y	1000±50%	100KHz/5mV	0.31	0.8	80	10M
CMW9050B-202Y	2000±50%	100KHz/5mV	0.42	0.6	80	10M
CMW9050B-472Y	4700±50%	100KHz/5mV	0.90	0.4	80	10M
CMW9050B-652Y	6500±50%	100KHz/5mV	1.05	0.3	80	10M

- (1).Rated Current: Temp.rise 40°C Typ
 (2).Operating Temperature: -20°C up to +80°C
 (3).Storage Temperature: -20°C up to +40°C, 75% RH max.

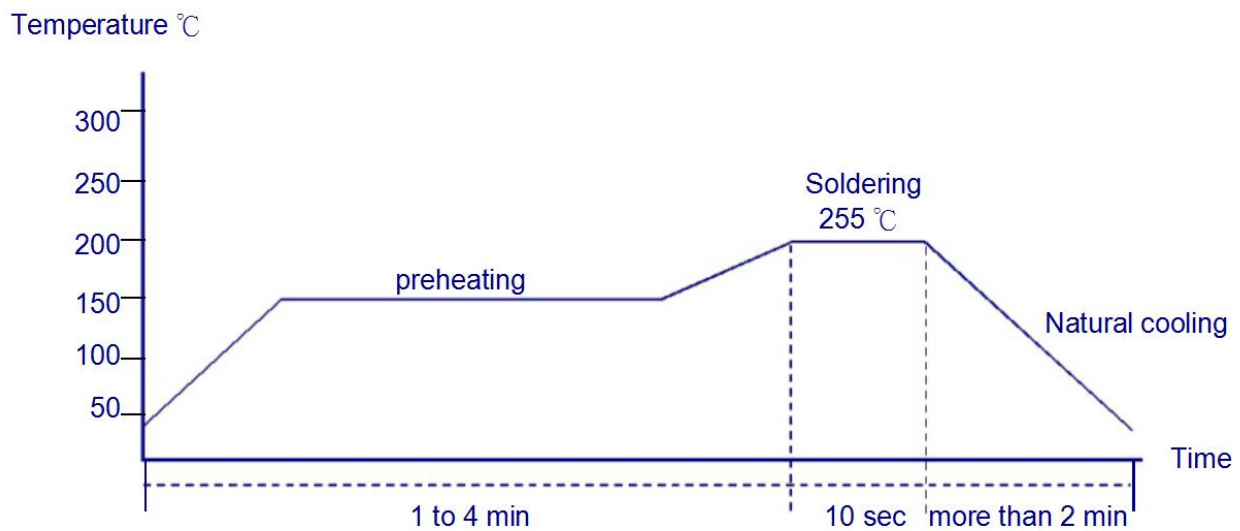
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RELIABILITY TEST

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 $\pm 10\%$ 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 $\pm 10\%$ of the initial value.
3. Thermal shock	-40°C, 30min. $\sim$ +125°C, 30min., 500hours	Inductance shall be within $\pm 10\%$ 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 $\pm 10\%$ 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°C, 10 $\pm$ 1sec, 2) 350 $\pm$ 10°C, 3.5 $\pm$ 0.5sec	Inductance shall be within $\pm 10\%$ of the initial value. Appearance: No damage

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REFLOW-PROFILE



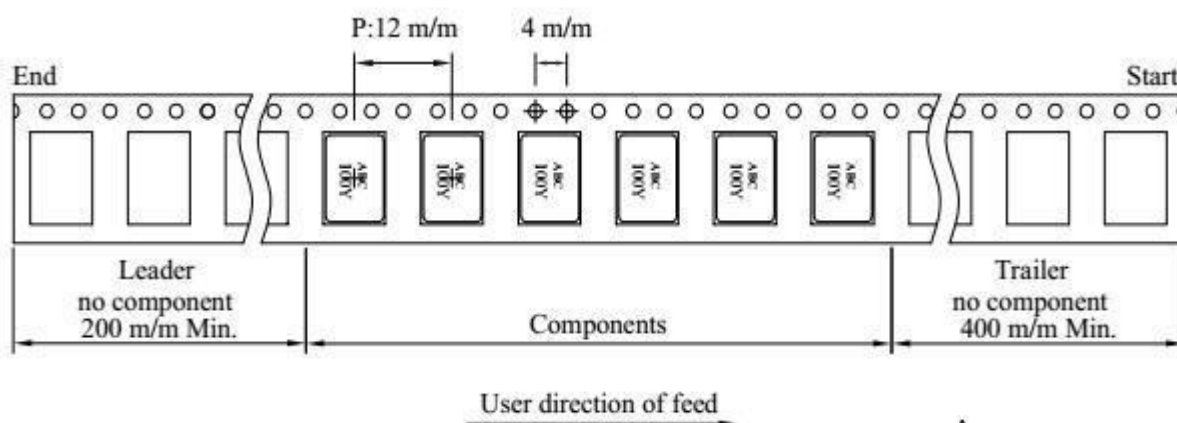
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BOM

NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	CASE	LCP SC-0186
3	WIRE	P180Grd1
4	ADHESIVE	XNR-3614
5	TIN	107H
6	INK	WHITE

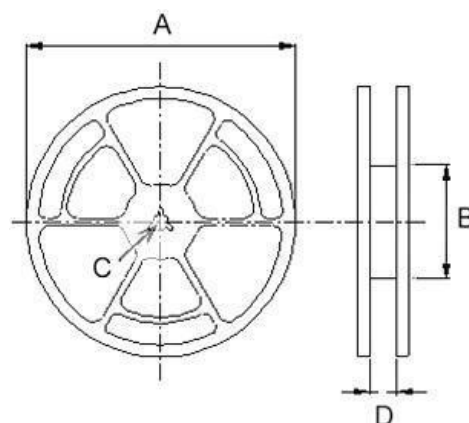
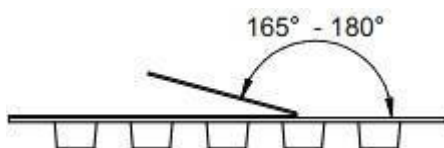
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PACKAGING



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

透明下帶，自粘上帶



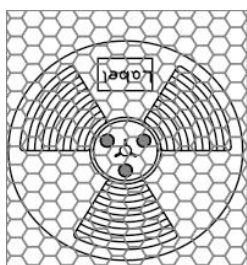
Reel Dimensions(Unit:mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	16.5	1000

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PACKAGING



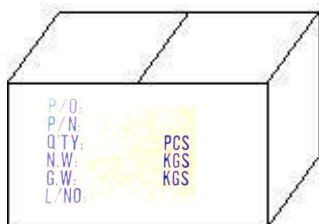
轮盘：13"(直径 330mm)
数量：1000PCS/盘



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