

规格承认书

SPECIFICATION

客户

CUSTOMER:

客户料号

CUSTOMER P/N:

物料名称

MODEL NO:

物料描述

DESCRIPTION:

贴片共模电感

厂商料号

MANUFACTURER P/N:

ZTCM-9070-SERIES

制造商确认栏 MANUFACTURER APPROVED		客户承认栏 CUSTOMER APPROVED
拟制/DRAWN BY	Michael	
审核/CHECKED BY	Lee	
批准/APPROVED BY	Min	
备注:		备注:

深圳市丰辉旺

SHENZHEN FENG HUI WANG TECHNOLOGY CO., LTD

工厂地址：深圳市宝安区石岩镇松白路中港星科技园五栋109

电话：18503051681 李生

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文件编号/FILE NO:

G18081402

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发行日期/DATE:

2018.08.14

1.PRODUCT IDENTIFICATION:

ZTCM - 9070 - 701

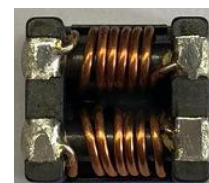
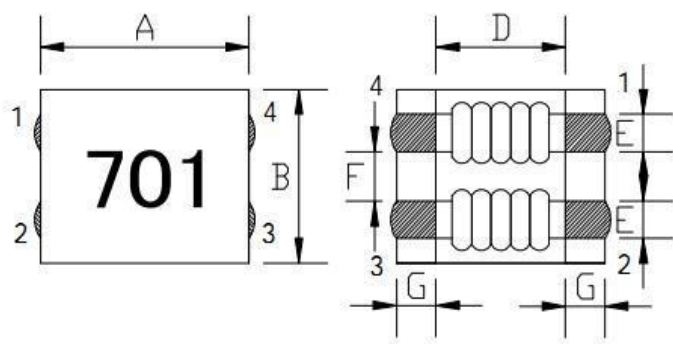
① ② ③

①Product Code

②Dimensions

③Z(Ω): 700

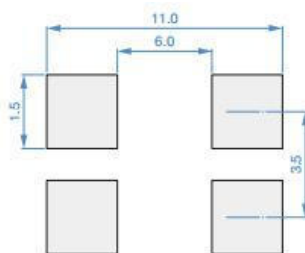
2.MECHANICAL DIMENSION:



NOTE: Dimensions in mm

PRODUCT NO	A	A1	B	C	D	E	F	G
ZTCM-9070-SERIES	9.0 $\pm$ 0.5	9.5 $\pm$ 0.5	7.0 $\pm$ 0.5	4.8 MAX	5.7 typ	1.5 $\pm$ 0.2	2.0 $\pm$ 0.2	1.7 $\pm$ 0.2

3.LAND PATTERN(Unit: mm):



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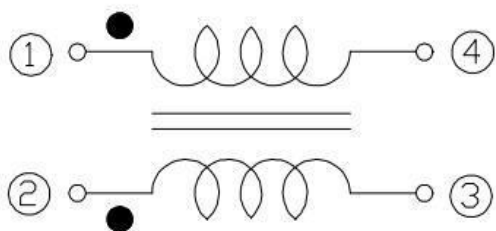
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4.SCHEMATIC:



“ ● ”:WINDING START

5.ELECTRICAL CHARACTERISTICS:

P/N	Z (Ω) at100MHZ/0.2V		RDC(m Ω) Max(1Line)	Ratde Current(A) Max	IR(m Ω) Min	Rated Voltage(V) Max	Marking (黑色/白色)
	Min	Typ					
ZTCM-9070M/F-301	225	300	6	6	10	80	301
ZTCM-9070M/F-301-F	300+50%/-30%		6	10	10	80	301
ZTCM-9070M/F-501	450	600	8	5.5	10	80	501
ZTCM-9070M/F-701	500	700	10	5	10	80	701
ZTCM-9070M/F-102	750	1000	13	4	10	80	102
ZTCM-9070M/F-222	1700	2000	60	2.5	10	80	222
ZTCM-9070M/F-272	2000	2700	86	2	10	80	272
ZTCM-9070M/F-302-F	3000+50%/-30%		70	3	10	80	302

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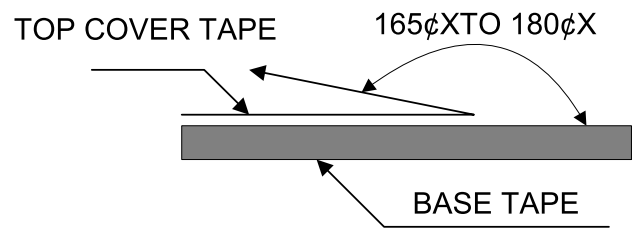
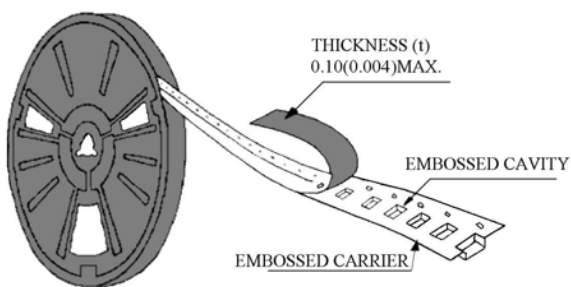
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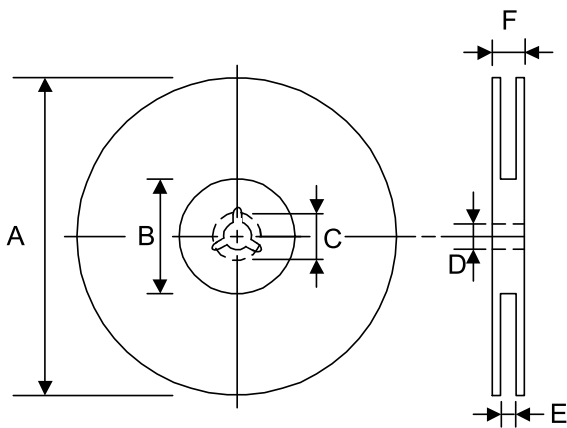
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6. PACKAGING:

6.1 Peel-off Force:



6.2 Dimension (Unit: mm):



TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13.0±1.0	16.0±0.5	28.5 ±2.0

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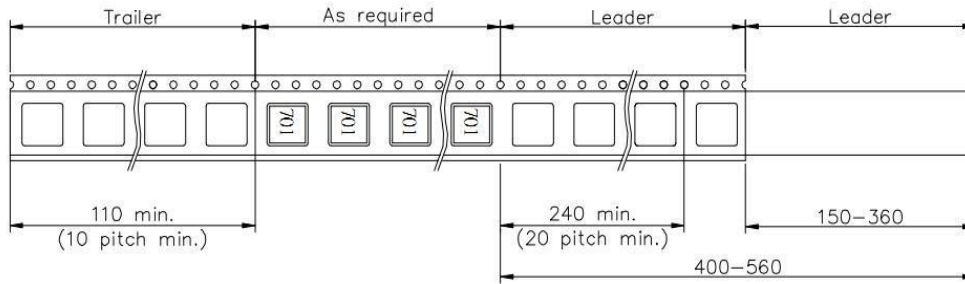
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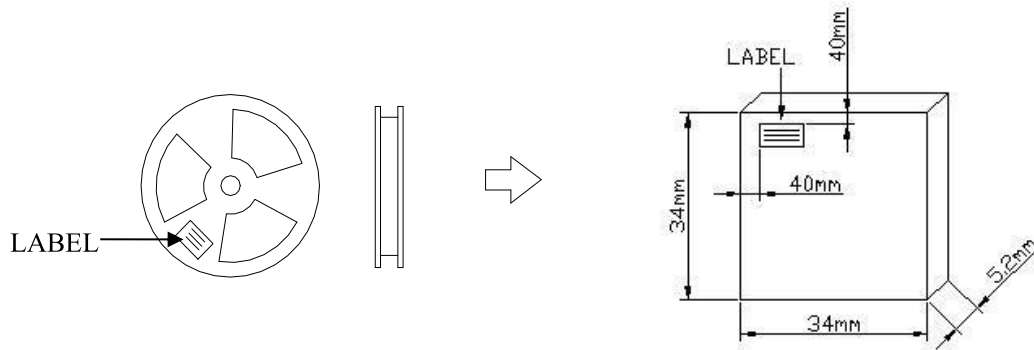
注：使用透明载带，自粘上带封装，产品字首朝载带定位孔方向。

6.3 Taping Quantity:

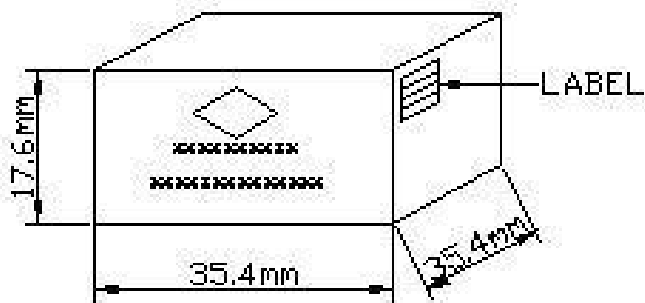
SERIES	ZTCM-7060
PCS/Reel	700

CARTON:

MIDDLE PACKAGING : 2 Reel /BOX



EXTERNAL PACKAGING : 3 BOX / CARTON



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7.RELIABILTY TEST:

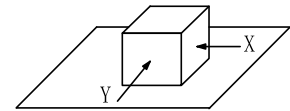
7.1 Storage Temperature range : $-30^{\circ}\text{C} \sim +125^{\circ}\text{C}$

7.2 Operating temperature range: $-30^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (Including coil's self temperature rise)

7.3 External appearance : No external defects can be found in the visual inspection.

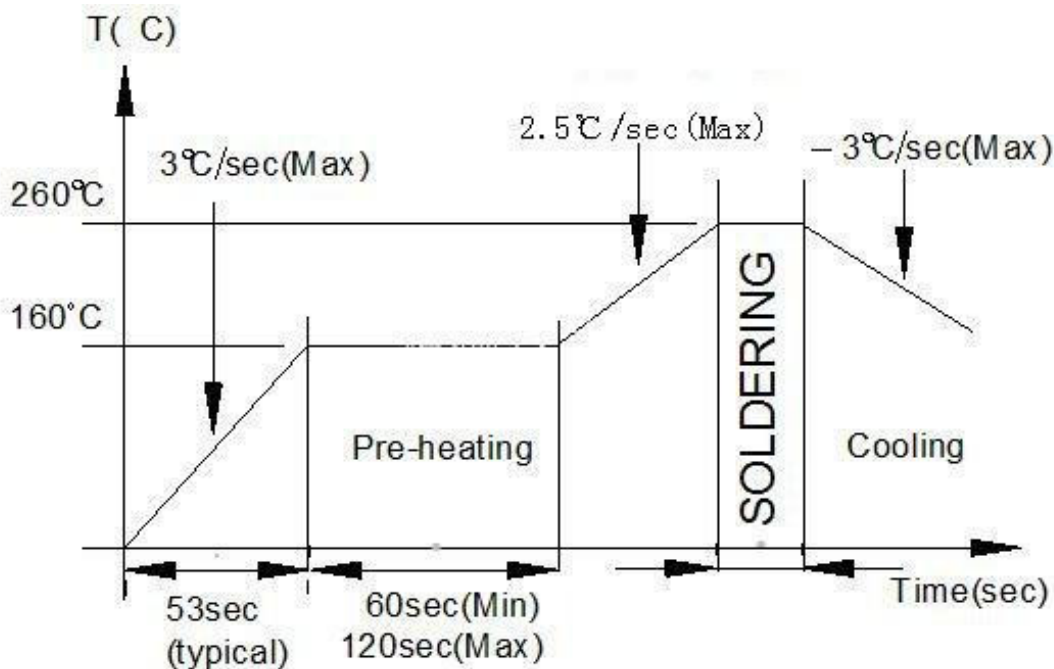
7.4 Electrode strength : No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10 ± 2 seconds after soldering between copper plate and the electrodes.

(Refer to figure at right)



7.5 Vibration test : Inductance deviation is within $\pm 3.0\%$ after 1 hour sweeping vibration in each three directions, namely, forward and backward, up and down, right and left. The frequency is $10 \sim 55 \sim 10\text{Hz}$ and the amplitude of 1 minute cycle is 1.5mm PP.

7.6 Recommended Reflow Soldering Profile:



7.6.1 IR Reflow soldering :

Preheat at 3°C per second to 160°C and using lead free solder ,
IR at 260°C for 10 seconds.

7.6.2 Rework flow:

Component must withstand two IR reflow cycles with a cool down between cycles.