

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:

厂商料号

MANUFACTURER P/N:

贴片共模电感

ZTCM-7060-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:

深圳市丰辉旺科技有限公司

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10

电话：18503051681 李生

SHENZHEN FENG HUI WANG TECHNOLOGY CO., LTD

[illegible]

Z TCM-7060-SERIES 规格承认书

文件编号/FILE NO:

G18081401

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发行日期/DATE:

2018.08.14

1.PRODUCT IDENTIFICATION:

Z TCM - 7060 - 701

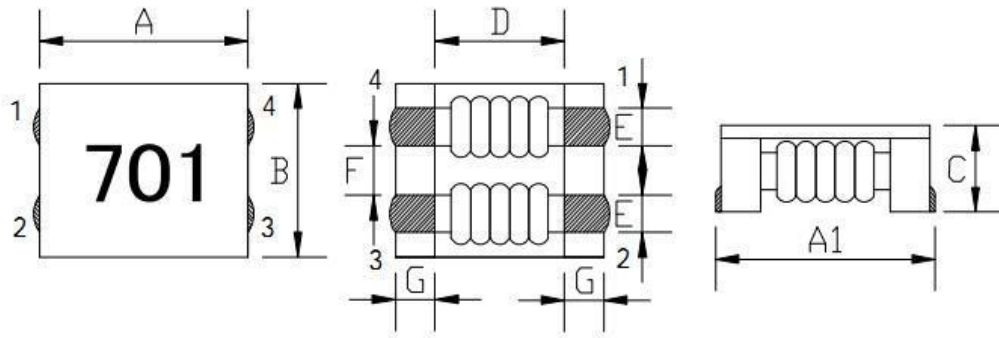
① ② ③

①Product Code

②Dimensions

③Z(Ω): 700

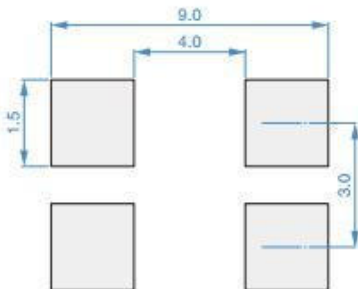
2.MECHANICAL DIMENSION:



NOTE: Dimensions in mm

PRODUCT NO	A	A1	B	C	D	E	F	G
Z TCM-7060-SER IES	7.0 $\pm$ 0.5	7.5 $\pm$ 0.5	6.0 $\pm$ 0.5	3.8 MAX	3.5 typ	1.5 $\pm$ 0.2	1.5 $\pm$ 0.2	1.75 $\pm$ 0.2

3.LAND PATTERN(Unit: mm):



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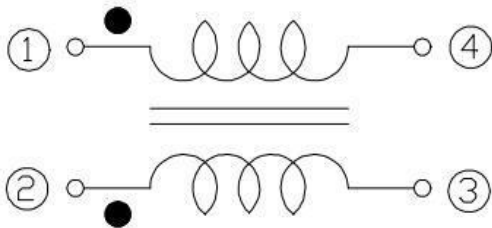
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4.SCHEMATIC:



“ ● ”: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/白黑)
	Min	Typ					
Z TCM-7060M/F-400	40	80	8	10	10	125	400
ZTCM-7060M/F-101	100	140	10	9	10	125	101
Z TCM-7060M/F-301	225	300	10	5	10	125	301
Z TCM-7060M/F-501	275	350	10	5	10	125	501
Z TCM-7060M/F-601	500	600	15	4	10	125	601
Z TCM-7060M/F-701	500	700	15	4	10	125	701
Z TCM-7060M/F-102	800	1020	17	3	10	125	102
Z TCM-7060M/F-132	900	1300	21	2.5	10	125	132
Z TCM-7060M/F-222	1700	2000	60	1.2	10	125	222
Z TCM-7060M/F-272	2000	2700	63	1.0	10	125	272
Z TCM-7060M/F-302	2200	3500	80	0.8	10	125	302

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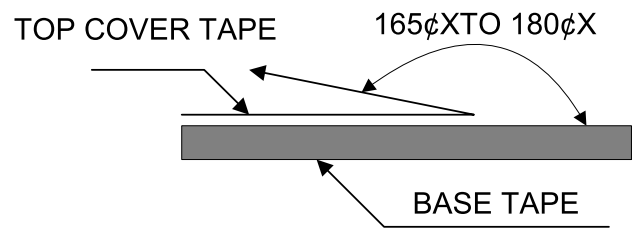
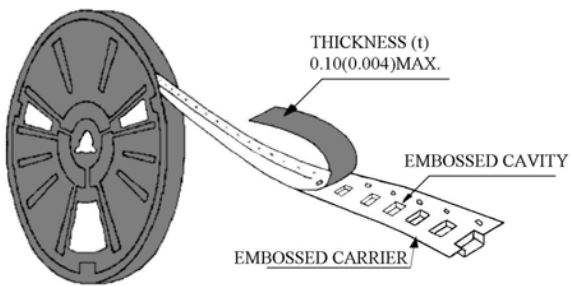
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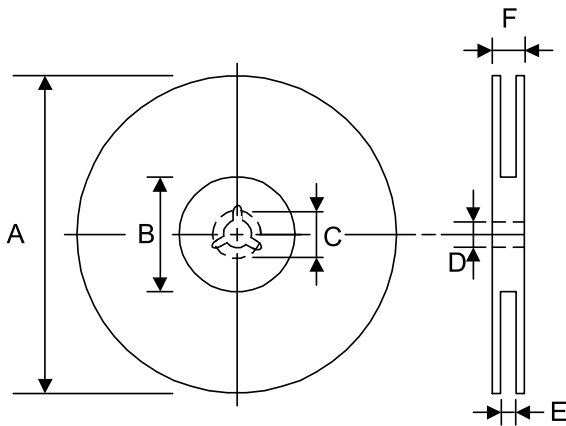
2018.08.14

6. PACKAGING:

6.1 Peel-off Force:



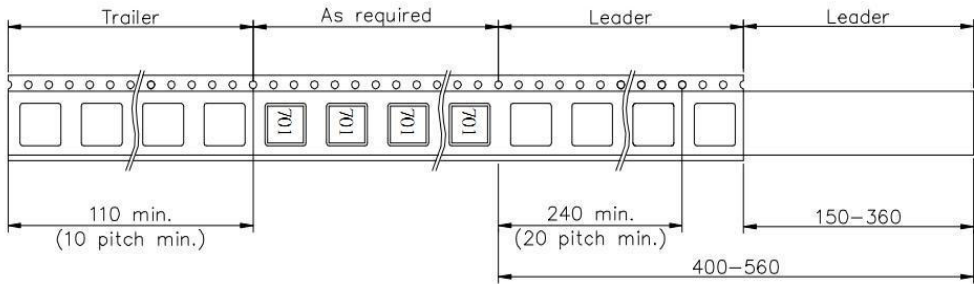
6.2 Dimension (Unit: mm):



TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13.0±1.0	24.0±0.5	28.5 ±2.0

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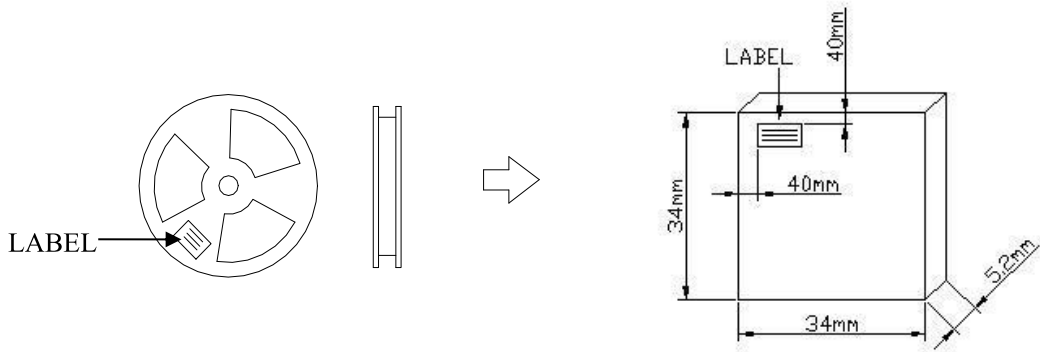
注：使用透明载带，自粘上带封装，产品字首朝载带定位孔方向。

6.3 Taping Quantity:

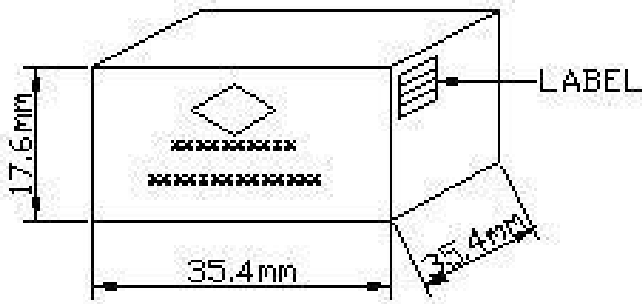
SERIES	Z TCM-7060
PCS/Reel	1500

CARTON:

MIDDLE PACKAGING : 2 Reel /BOX



EXTERNAL PACKAGING : 3 BOX / CARTON



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7.RELIABILITY TEST:

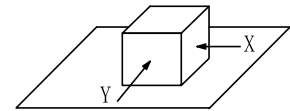
7.1 Storage Temperature range : $-30^{\circ}\text{C} \sim +125^{\circ}\text{C}$

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.

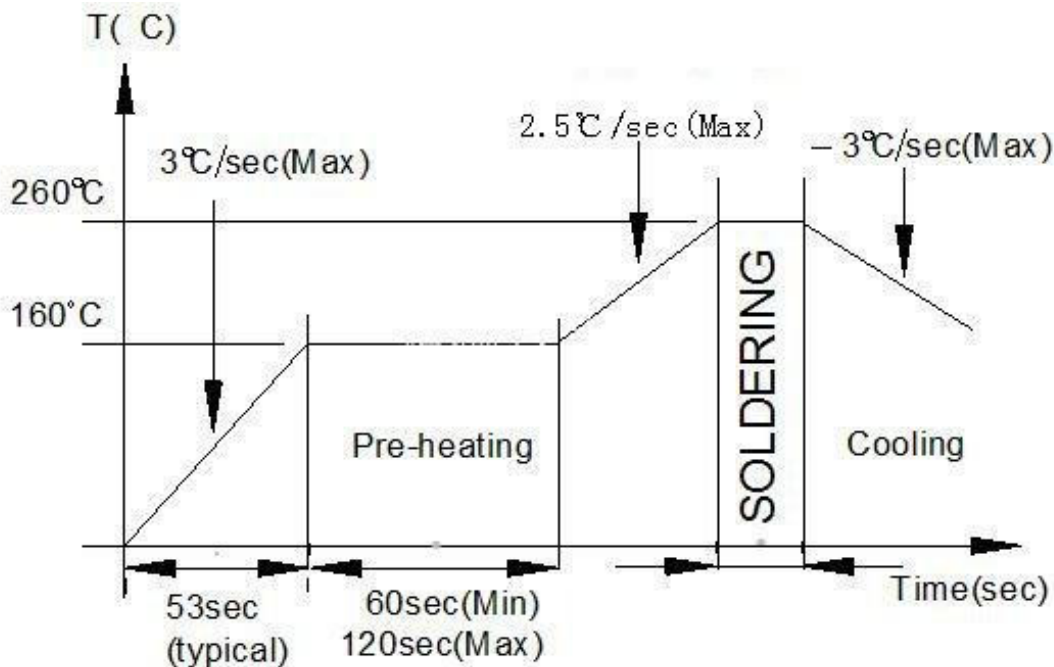
7.4 Electrode strength : No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10 ± 2 seconds after soldering between copper plate and the electrodes.

(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.