



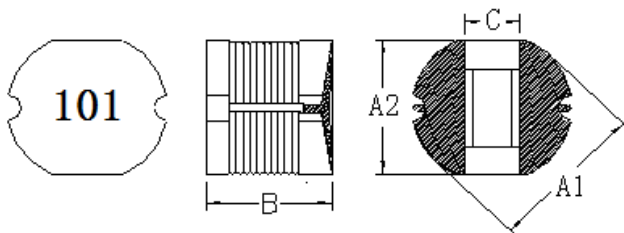
# 深圳振华富电子有限公司

SHENZHEN ZHENHUA FU ELECTRONICS CO., LTD

## SPECIFICATION FOR APPROVAL

<b>SPECIFICATIONS</b>		<b>DATE 日期</b>	<b>2018-05-29</b>
<b>CUSTOMER/客户名</b>		<b>SPEC/规格</b>	<b>SM5845-101M (f)</b>
<b>Q' TY/数量</b>	<b>10PCS</b>	<b>PART NO/料号</b>	<b>-</b>
<b>TEMP /温度</b>	<b>25°C</b>	<b>HUMIDITY/湿度</b>	<b>70%</b>

### 一、外形尺寸 DIMENSIONS:(mm):

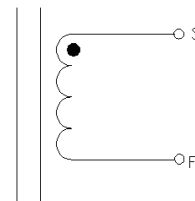


A1(mm)	5.8±0.3
A2(mm)	5.2±0.3
B(mm)	4.5±0.3
C(mm)	1.5REF

### 二、材料 MATERIAL:

1. 铁芯 CORE
2. 铜线 WIRE
3. 锡 Sn

### 三、电性图 ELECTRICAL DIAGRAM:



### 四、电气特性: ELECTRICAL CHARACTERISTIC:

项目 ITEM	规格 SPEC	测试仪器 TEST EQUIPMENT	测试频率 TEST CONDITION
电感量(L)	100uH±20%	TH2816A	100KHz/0.25V
直流电阻 (DCR)	700 (mΩ) MAX	502BC	
额定电流 (I <sub>r</sub> )	0.52(A) MAX	TH1775	

拟制 Prepared By: 望蓉

审核 Checked By: 宋佳辉

批准 Approved By: 方翰章

五、规格编号 SPECIFICATION NO:

SM      5845    —    101      M      (f)  
 ①            ②            ③            ④            ⑤

①系列代号 Product symbol:

②尺寸 Dimmensions:

③电感量 Inductance: 2R2: 2.2  $\mu$ H , R47: 0.47  $\mu$ H, 680: 68  $\mu$ H 101: 100  $\mu$ H

④允许偏差 Tolerance: J— $\pm$ 5%      K— $\pm$ 10%      M— $\pm$ 20%      N— $\pm$ 30%

⑤无铅产品 Leadfree Products:

六、测试数据 TEST DATA:

电气特性 ELECTRICAL CHARACTERISTIC			
项目 ITEM	L( $\mu$ H)	DCR(m $\Omega$ )	L( $\mu$ H)/0.52 (A)
规格 SPEC	100 $\pm$ 20%	700(max)	
1	87.9	513	83.0
2	90.8	528	85.6
3	88.9	532	83.6
4	88.1	516	83.2
5	90.7	518	85.5
6	87.6	521	82.4
7	88.2	517	83.3
8	90.6	514	85.4
9	87.5	531	82.8
10	87.7	525	82.9
$\bar{X}$	88.8	521.5	83.7
R	3.3	19.0	3.2

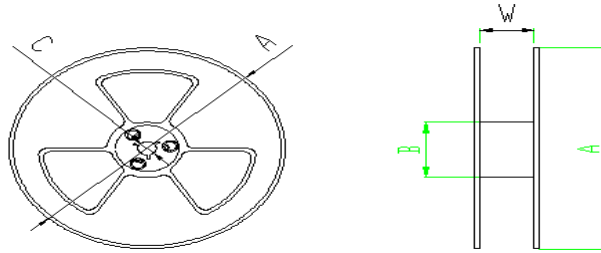
# 样品承认书

## 七、.包装方式 PACKAGING:

1.每卷轴包装数量:1500 PCS/R (开始与结尾留空 30~40cm 不装 COIL), 贴上正确的标签,然后放入一塑料袋(胶袋尺寸:360x460mm)内,附一包干燥剂,封口,卷轴用及载带尺寸.如图(一)

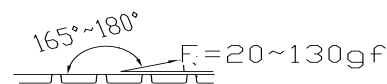
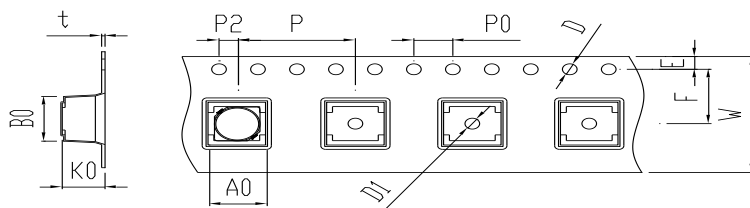
图(一)

1. PACKING QUANTITY PER REEL:1500 PCS/R(WITH THE BLANK AT THE END OF 30~40 NOT LOADED COIL),AFFIX THE CORRECT LABEL THEN PLASTIC BAG (PLESTIC BAG SIZE :306X460mm),THE ATTACHED A PACKET OF DESICCANT,SEALED AND CONTAINED WITH SCROLL ZONE SIZE , FIGURE,(A)



卷轮尺寸一般公差±0.5mm GENERAL SIZE TOLERANCE SCROLL ±0.5mm

A	B	C	W
Φ 330	Φ 100	Φ 13.5	12.5

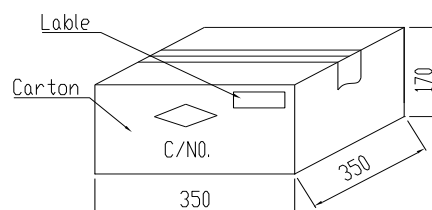


2.每啤盒装 4500PCS(3 卷),(啤盒尺寸:338x338x78mm)

2.BEER PER BOX 4500PCS(3 VOLUMES)(BEER BOX SIZE:338X338X78mm)

3.每箱装 9000PCS(2 盒),封口,贴上标签,纸箱形状尺寸.如图(二).

3.EACH LOADED 9000PCS (2 BOXES).SEAL.LABEL.CARTON SHAPES AND SIZES,IN FIGURE(B)



图(二)

# 样品承认书

## 八、可靠性测试:

.1.STORAGE TEMPERATURE: 贮存温度范围	-40℃~85℃
.2.OPERATING TEMPERATURE RANGE : 使用温度范围:	-40℃~+125℃(CONTAIN HEATING COIL) -40℃~+125℃ (含线圈本身发热)
3.EXTERNAL APPEARANCE : 外观	NO EXTERNAL DEFECTS CAN BE FOUND IN THE VISUAL INSPECTION. 在线圈表面无有害物质附着
4. TERMINAL STRENGTH : 电极强度	FIXED INDUCTORS,ONE END OF THE ELECTRODE WITH 0.45KG PULLING FORCE,GUIDED THE NEEDLE DOES NOT FALL OFF.THE PRODUCT-SIDE POLE NO SIGNIFICANT DAMAGE. 固定电感器, 电极一端用 0.45KG 力拉, 产品端极片无明显损伤.
5.INSULATING RESISTANCE : 绝缘电阻	THE INSULATION RESISTANCE SHOULD BE OVER 1000M Ω WHEN D.C.100V IS APPLIED TO THE WINDING -CORE. MEANWHILE NO STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND FOR 1 MINUTE. 在线圈和铁芯上印加 D. C. 100V 绝缘电阻必须超过 1000MΩ, 保持 1min, 没有短路发生。
6. HUMIDITY TEST : 湿度测试	INDUCTANCE DEVIATION IS WITHIN ±10.0% AND NO STRUCTURE AND ELECTRIC DEFECTS CAN BE FOUND AFTER 96±2hours TEST UNDER THE CONDITIONOF RELATIVE HUMIDITY OF 90~95% AND TEMPERATURE OF 40±5℃. AND 1 HOUR STORAGE UNDER ROOM AMBIENT CONDITIONS AFTER THE DEVICE IS WIPED WITH DRY CLOTH. 相对湿度为 90~95%, 温度为 40±5℃的条件下放置 96±2 小时。将其擦干在室内环境下放置 1 小时, 电感值变化在初始值±10.0%内, 结构以及电气特性没有发生变化。
7. VIBRATION TEST : 耐振测试	INDUCTANCE DEVIATION IS WITHIN ±10.0% AFTER 1 HOUR SWEEPING VIBRATION IN EACH THREE DIRECTIONS. NAMELY, FREQUENCY IS10~55Hz ANDTHE AMPLITUDE OF 1MINUTE CYCLE IS 1.5mm . 振动周波数 10~55Hz, 振幅 0.75mm 在三个方向各保持一个小时, 电感值变化在初始值±10.0%内

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