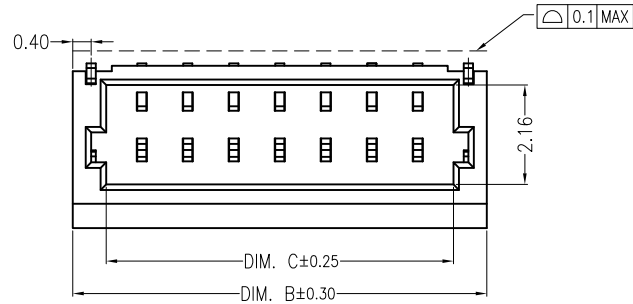
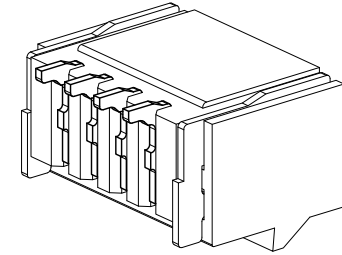
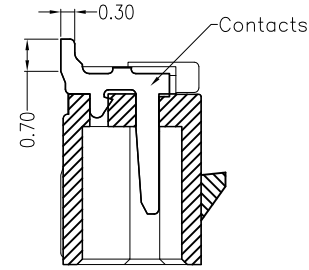
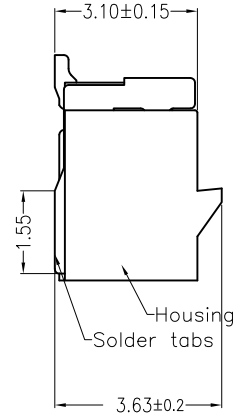
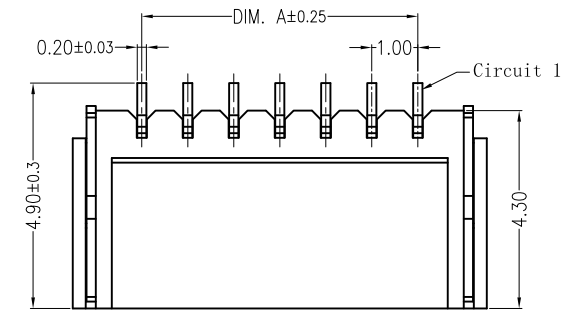


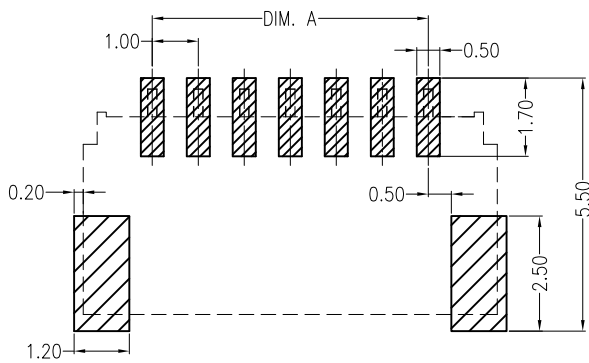
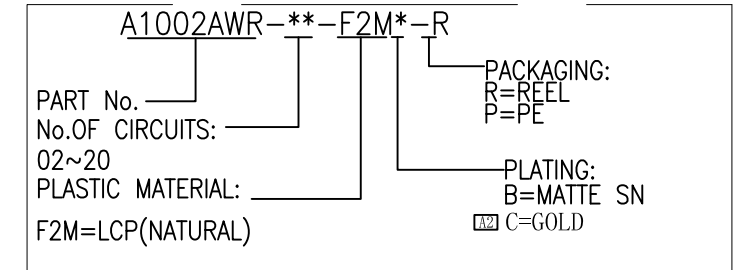
REV	DESCRIPTION	DESIGN	DATE
A0	NEW RELEASE	Wudanping	2016/05/05
A1	The correct current	Jiangjiayin	2019/03/29
A2	Increase the gold-plating specification	Jiangjiayin	2020/06/27



**Specifications:**

Contact resistance:  $\leq 20\text{m}\Omega$   
 Insulation resistance:  $\geq 100\text{M}\Omega$   
 Rated voltage: 50V AC DC  
 Rated current: 1.0A AC DC  $\square$   
 Withstand voltage: 500V AC/minute  
 Temperature range:  $-25^{\circ}\text{C} \sim +105^{\circ}\text{C}$   
 Housing: LCP UL94V-0, Natural  
 Contacts: Phosphor bronze (Matte sn/Gold plating)  
 Solder tabs: Phosphor bronze/Matte sn

**ORDER INFORMATION:**



Recommend PCB Layout

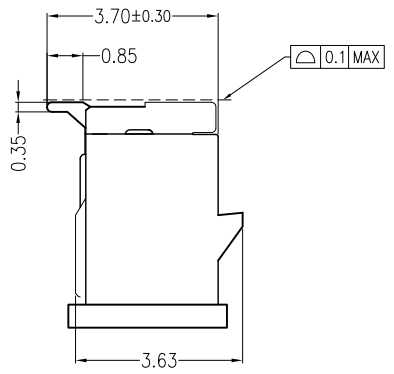
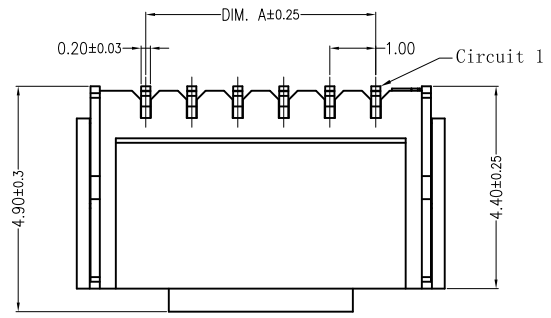
Circuit	Dimensions (mm)		
	DIM. A	DIM. B	DIM. C
02	1.00	4.00	2.45
03	2.00	5.00	3.45
04	3.00	6.00	4.45
05	4.00	7.00	5.45
06	5.00	8.00	6.45
07	6.00	9.00	7.45
08	7.00	10.00	8.45
09	8.00	11.00	9.45
10	9.00	12.00	10.45
*11	10.00	13.00	11.45
*12	11.00	14.00	12.45
*13	12.00	15.00	13.45
*14	13.00	16.00	14.45
*15	14.00	17.00	15.45
*16	15.00	18.00	16.45
*20	19.00	22.00	20.45



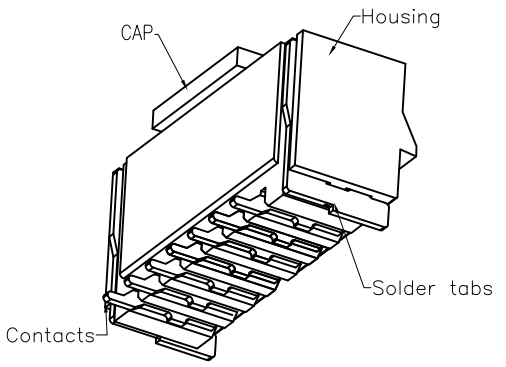
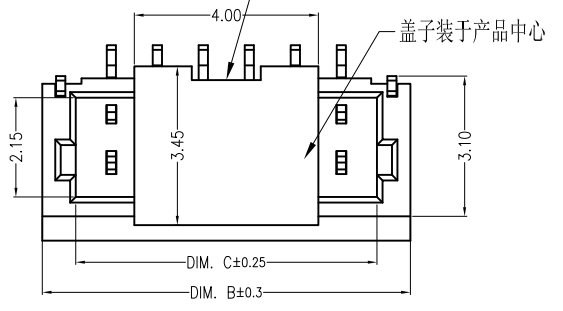
GENERAL TOLERANCE		USE:
X. $\pm 0.50$	X. $\pm 5'$	CUSTOMER
X.X $\pm 0.30$	X.X $\pm 2'$	APPD: Shaojinghe
X.XX $\pm 0.20$	X.XX $\pm 1'$	CHKD: Zlinglingqing
		DR: Jiangjiayin
UNITS: mm		

TITLE: 1.0mm PITCH 90° WAFER SMT TYPE	
PART NO.: A1002AWR-**-F2M*-R	
DWG NO.: GCKH-0503	
SCALE 1 : 1	SHEET 1 / 1

REV	DESCRIPTION	DESIGN	DATE
A0	NEW RELEASE	Wudanping	2017/05/24
A1	Increase the gold-plating specification	Zhouxiulong	2017/10/06
A2	The correct current	Jiangjianyin	2019/03/29



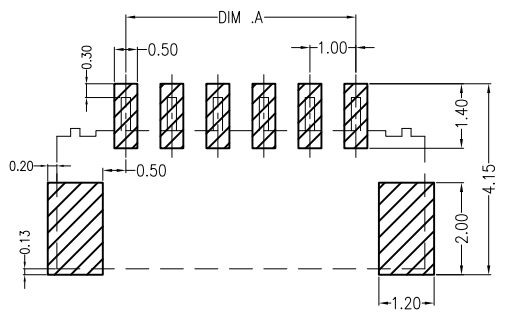
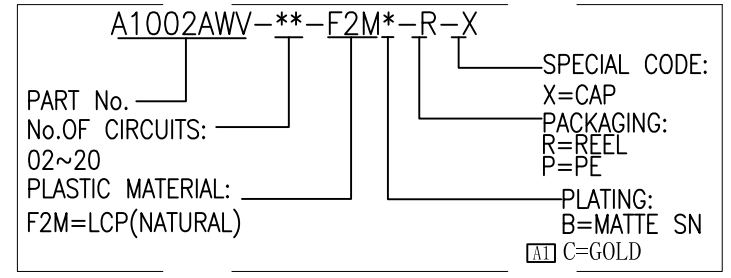
缺口为浇口工艺，减少自动机加盖卡料，  
缺口位置不固定，也可在另一侧



**Specifications:**

- Contact resistance:  $\leq 20m\Omega$
- Insulation resistance:  $\geq 100M\Omega$
- Rated voltage: 50V AC DC
- Rated current: 1.0A AC DC A2
- Withstand voltage: 500V AC/minute
- Temperature range:  $-25^{\circ}C \sim +105^{\circ}C$
- Housing: LCP UL94V-0, Natural
- CAP: LCP UL94V-0, Natural
- Contacts: Phosphor bronze (Matte sn/Gold plating)
- Solder tabs: Phosphor bronze/Matte sn

**ORDER INFORMATION:**



Recommend PCB Layout

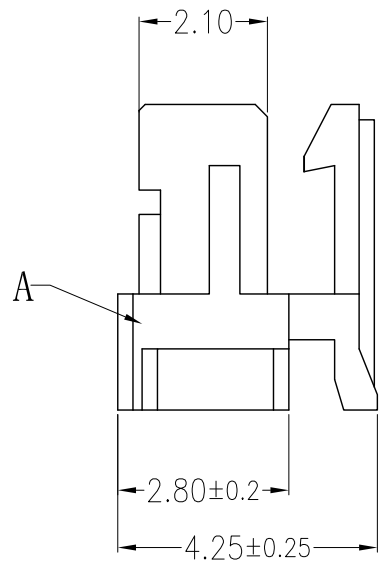
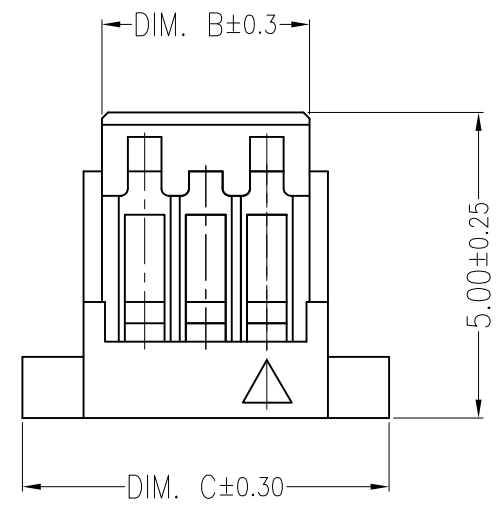
Circuit	Dimensions (mm)		
	DIM. A	DIM. B	DIM. C
02	1.00	4.00	2.45
03	2.00	5.00	3.45
04	3.00	6.00	4.45
05	4.00	7.00	5.45
06	5.00	8.00	6.45
07	6.00	9.00	7.45
08	7.00	10.00	8.45
09	8.00	11.00	9.45
10	9.00	12.00	10.45
*11	10.00	13.00	11.45
*12	11.00	14.00	12.45
*13	12.00	15.00	13.45
*14	13.00	16.00	14.45
*15	14.00	17.00	15.45
*16	15.00	18.00	16.45
*20	19.00	22.00	20.45



GENERAL TOLERANCE		USE: CUSTOMER
X. $\pm 0.50$	X. $\pm 5'$	APPD: Shaojinghe
X.X $\pm 0.30$	X.X $\pm 2'$	CHKD: Zlinglingqing
X.XX $\pm 0.20$	X.XX $\pm 1'$	DR: Jiangjianyin
UNITS: mm		

TITLE: 1.0mm PITCH 180° WAFER SMT TYPE	
PART NO.: A1002AWV-**-F2M*-R-X	
DWG NO.: GCKH-0504	
SCALE 1 : 1	SHEET 1 / 1

REV	DESCRIPTION	DESIGN	DATE
A0	Release	吴丹平	2016.05.25



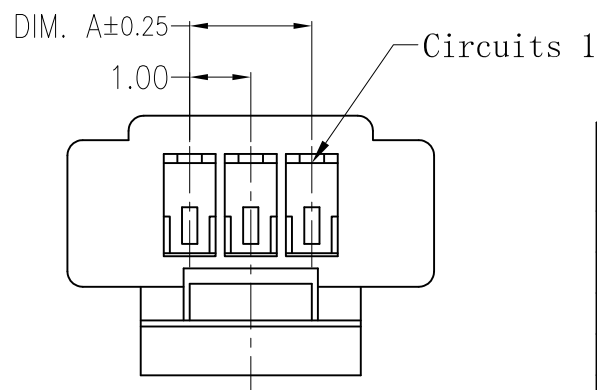
### 主要技术参数 Main Specifications

- 线 数 (Poles): 02 to 10
- 接触电阻 (Contact resistance):  $\leq 20m\Omega$
- 绝缘电阻 (Insulation resistance):  $\geq 100M\Omega$
- 额定电压 (Rated voltage): 50V AC DC
- 额定电流 (Rated current): 1.0A AC DC
- 耐 电 压 (Withstand Voltage): 500V AC/minute
- 温度范围 (Temperature Range):  $-25^{\circ}C \sim +85^{\circ}C$

### ORDER INFORMATION:

**A1002Y-\*\*-A5W-P**

PART No.	PACKAGING: P=PE
No. OF CIRCUITS: 02~10	PLASTIC MATERIAL: A5W=PA66 (WHITE)



Circuits	Dimensions (mm)		
	DIM. A	DIM. B	DIM. C
02	1.00	2.40	5.00
03	2.00	3.40	6.00
04	3.00	4.40	7.00
05	4.00	5.40	8.00
06	5.00	6.40	9.00
07	6.00	7.40	10.00
08	7.00	8.40	11.00
09	8.00	9.40	12.00
10	9.00	10.40	13.00

ITEM	COMPONENT	Q'TY	MATERIAL	FINISH
C				
B				
A	PEDESTAL	1 PCS	PA66	COLOR:WHITE

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GUANG DONG KE SI DA ELECTRONIC TECHNOLOGY CO., LTD.

X.±0.5	X.±5'	USE: CUSTOMER
.X±0.3	.X±2'	
.XX±0.25	.XX±1'	
--	--	

UNITS: mm

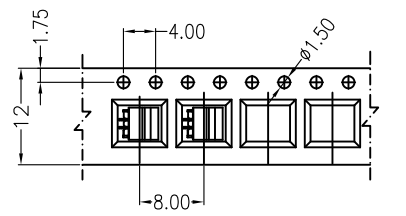
TITLE: -  
1.0mmPITCH HOUSING

PART NO.:  
A1002Y-\*\*-A5W-P

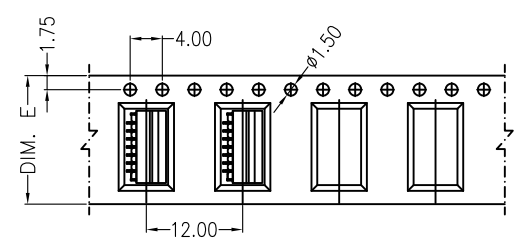
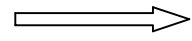
DWG NO.:  
GCCP-0624

SCALE 1 : 1	SHEET 1 / 1
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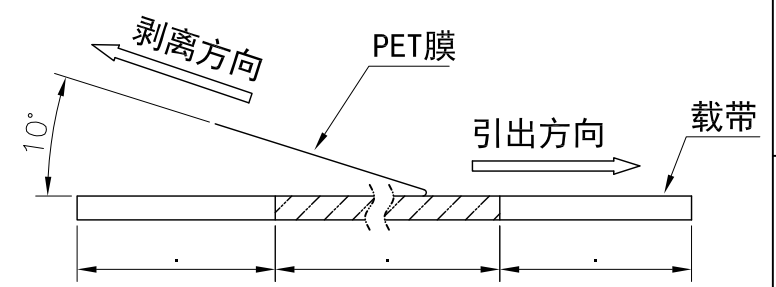
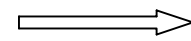
REV	ECN No.	DESCRIPTION	DESIGN	DATE
A		Release	蒋建银	2018.06.21



产品引出方向 02 CONTACTS

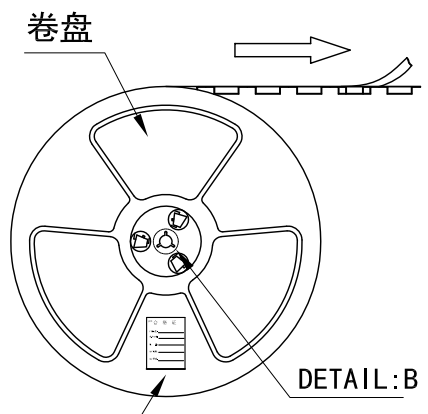


产品引出方向 03~10 CONTACTS



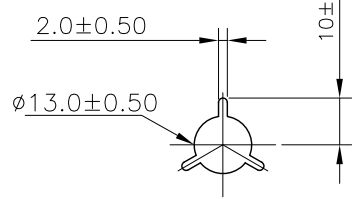
02 CONTACTS	后空13PCS	产品	前空51PCS
03~10 CONTACTS	后空9PCS	产品	前空35PCS

(PET膜剥离示意图)

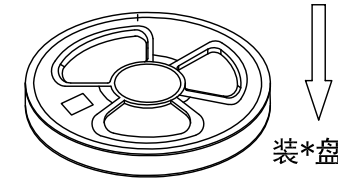
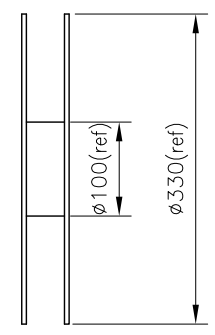


合格证

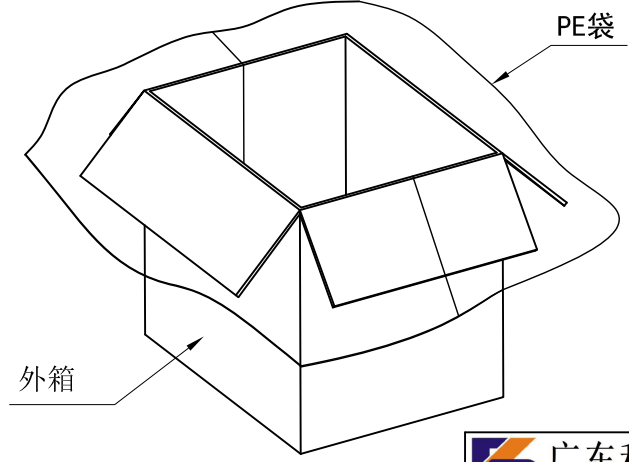
DETAIL:B



DETAIL:B

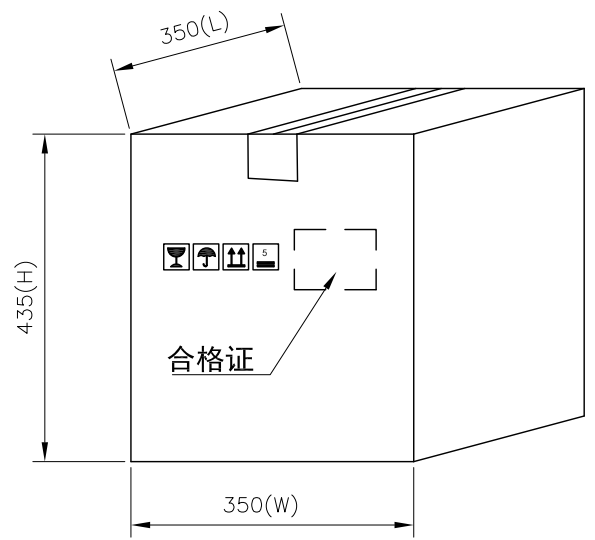


装\*盘(参考列表一)



外箱

PE袋



列表一

Circuits	DIM. D	DIM. E	Q'ty/Reel	Packing (Reel/Caton)
02PIN	-	12	2000PCS	25/Reel
03-06PIN	-	16	1500PCS	20/Reel
07-10PIN	-	24	1500PCS	15/Reel

包装说明:

- 把成品包入卷盘中, 每盘装1500PCS, (注:2PIN每盘装2000PCS), 卷盘上贴上合格证, 将装好产品的卷盘放进外箱中, 外箱内先套一个大PE袋, 外箱上贴贴上合格证.
- 所有材料有害物控制需符合RoHS标准.

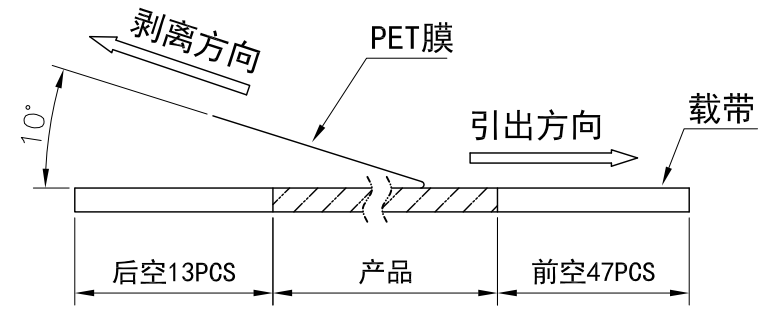
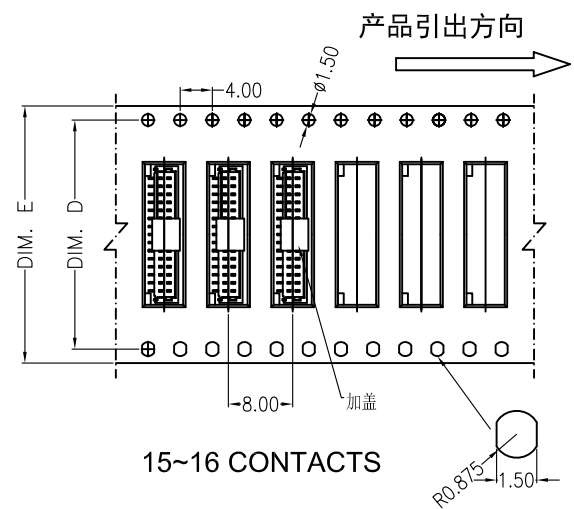
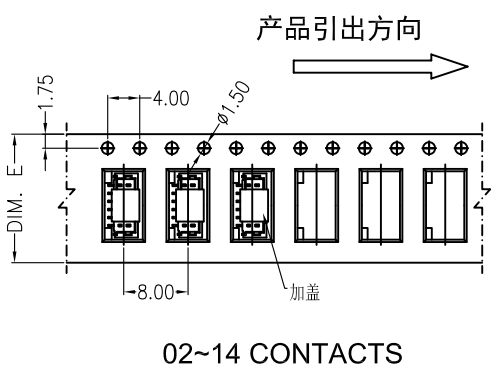
广东科斯达电子科技有限公司  
GUANG DONG KE SI DA ELECTRONIC TECHNOLOGY CO., LTD.

TITLE: A1002AWR 包装规范

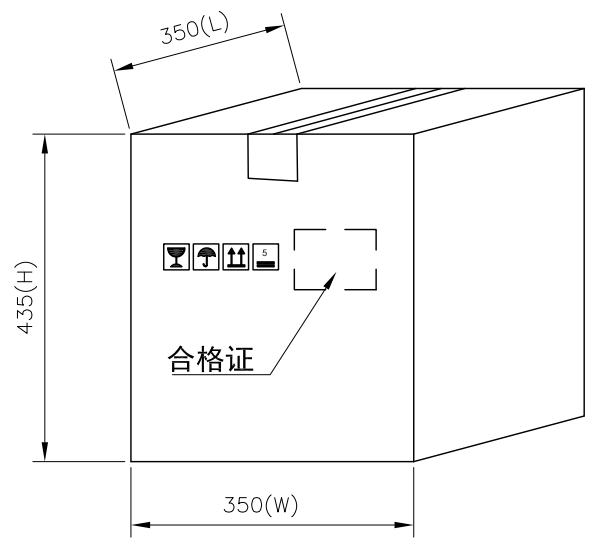
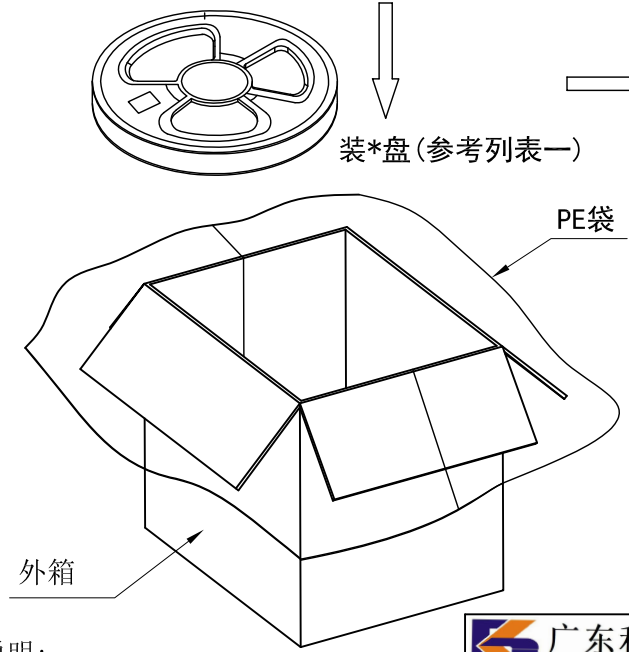
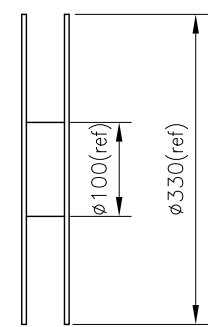
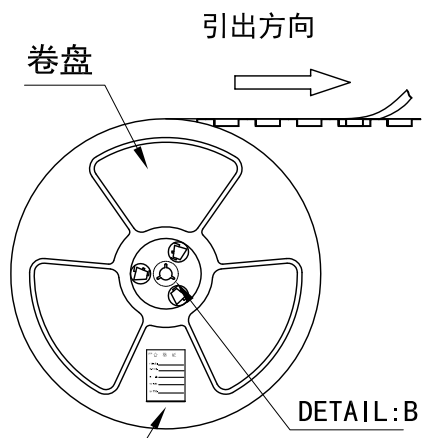
X.± 0.5	X.±'	USE: MANUFACTURE
.X± 0.3	.X±'	APPD: 邵敬和
.XX±0.25	.XX±'	CHKD: 田峰
--	--	DR: 蒋建银
UNITS: mm		

PART NO.: A1002AWR-nP 卷装	
DWG NO.: JKUN/GCBZ-0503	
SCALE: 1 : 1	SHEET: 1 / 1

REV	ECN No.	DESCRIPTION	DESIGN	DATE
A		Release	蒋建银	2018.06.21



(PET膜剥离示意图)



列表一

Circuits	DIM. D	DIM. E	Q'ty/Reel	Packing (Reel/Caton)
02-05PIN	-	16	1500PCS	20/Reel
06-14PIN	-	24	1500PCS	15/Reel
15-16PIN	28.4	32	1500PCS	11/Reel

包装说明:

- 把成品包入卷盘中, 每盘装1500PCS, 卷盘上贴上合格证, 将装好产品的卷盘放进外箱中, 外箱内先套一个大PE袋, 外箱上贴贴上合格证.
- 所有材料有害物控制需符合RoHS标准.

<b>广东科斯达电子科技有限公司</b> GUANG DONG KE SI DA ELECTRONIC TECHNOLOGY CO., LTD.		TITLE: <b>A1002AWW 包装规范</b>	
X.± 0.5	X.±'	USE: MANUFACTURE	PART NO.:
.X± 0.3	.X±'	APPD: 邵敬和	A1002AWW-nP 卷装
.XX±0.25	.XX±'	CHKD: 田峰	DWG NO.:
--	--	DR: 蒋建银	GCBZ-0504
UNITS: mm		SCALE 1 : 1	SHEET 1 / 1