

Power Choke

JSHC1265 Series

Automotive-Grade A3

JinLai's proven design and process support high reliability, high thermal characteristics, and high efficiency power chokes for automotive application.

DATA SHEET

Place of origin: Chongqing

目 录

1. Features	4
2. Application	4
3. Part No. Definition	4
4. Appearance and dimensions	4
5. Electrical Characteristics	5
6. Heat rating current VS saturation current curv	6
7. Packaging Specifications	7

5. Electrical Characteristics

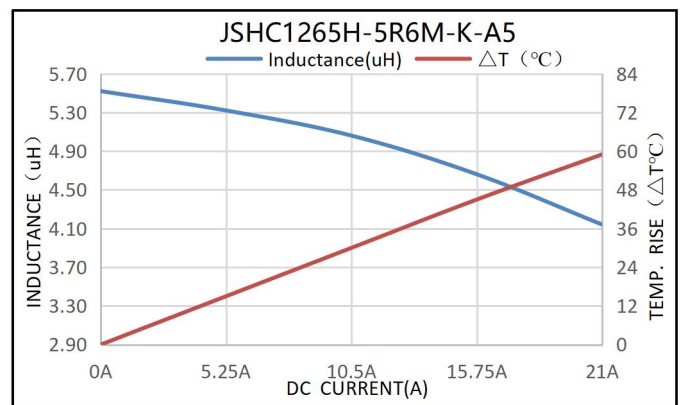
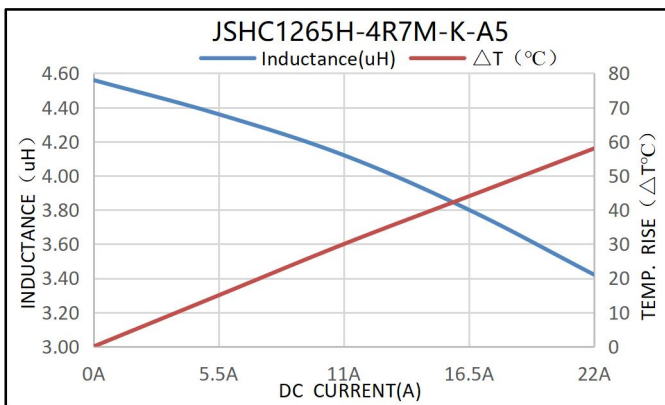
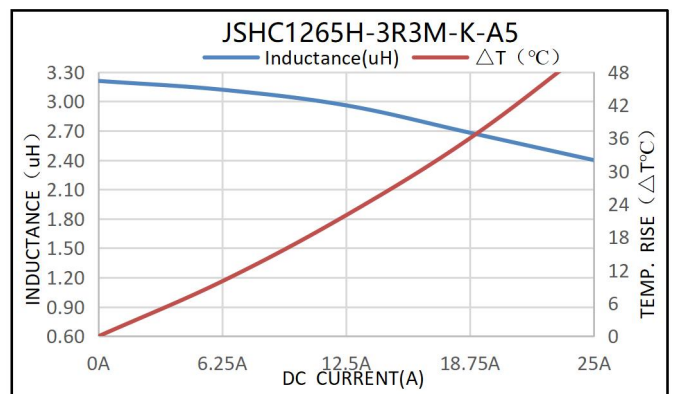
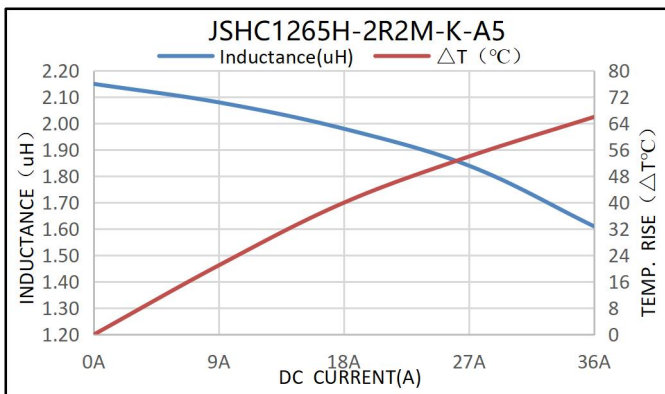
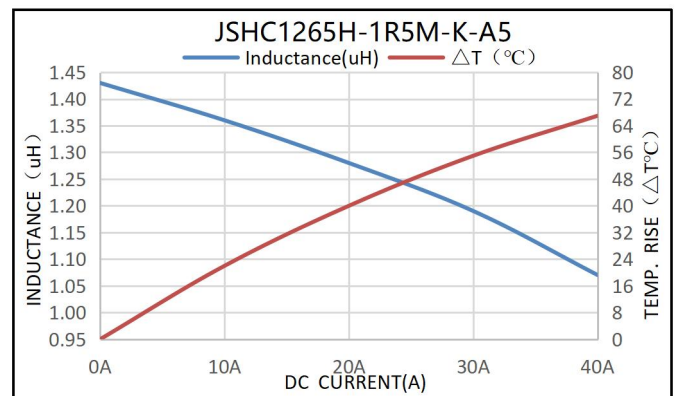
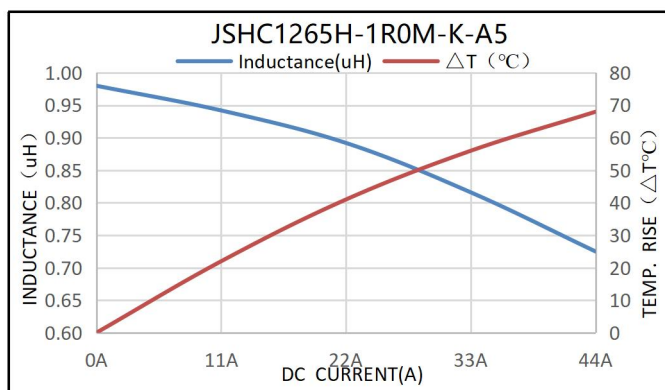
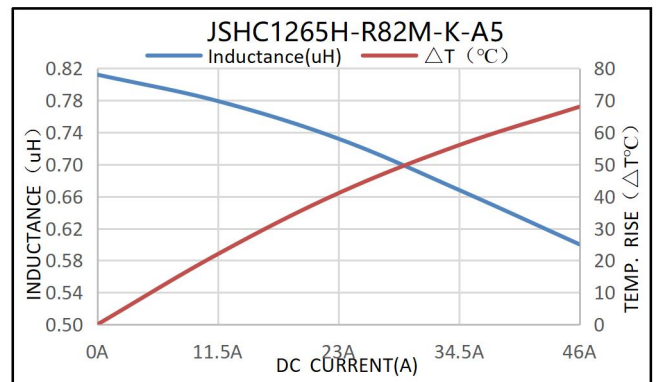
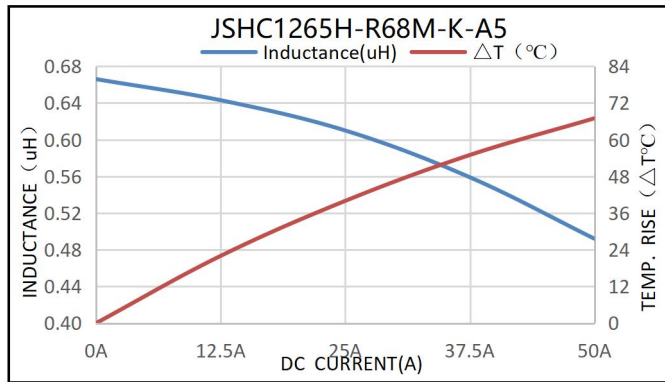
Part Number	Inductance	Tolerance	RDC(mΩ)		Isat(A)		Irms(A)	
	(μH)	(±%)	Typical	Max	Typical	Max	Typical	Max
JSHC1265H-R68M-K-A5	0.68	20	1.8	2.2	50	45	25	22.5
JSHC1265H-R82M-K-A5	0.82	20	1.9	2.4	46	41.4	22	19.8
JSHC1265H-1R0M-K-A5	1.0	20	2.3	2.5	44	39.6	21	18.9
JSHC1265H-1R5M-K-A5	1.5	20	2.5	3	40	36	19	17.1
JSHC1265H-2R2M-K-A5	2.2	20	4.0	4.5	36	32.4	17	15.3
JSHC1265H-3R3M-K-A5	3.3	20	6.7	7.5	25	22.5	19	17.1
JSHC1265H-4R7M-K-A5	4.7	20	12	14	22	19.8	14	12.6
JSHC1265H-5R6M-K-A5	5.6	20	14	16	21	18.9	12	10.8
JSHC1265H-6R8M-K-A5	6.8	20	12.5	13.5	18	16.2	11	9.9
JSHC1265H-8R2M-K-A5	8.2	20	22	25	17	15.3	10	9
JSHC1265H-100M-K-A5	10	20	25	30	15.5	13.95	8.5	7.65
JSHC1265H-150M-K-A5	15	20	35	38	13	9	8	7.2
JSHC1265H-220M-K-A5	22	20	33	35	9	8.1	7	6.3
JSHC1265H-330M-K-A5	33	20	65	70	6.5	5.85	4	3.6
JSHC1265H-470M-K-A5	47	20	81	90	5	4.5	3.5	3.15

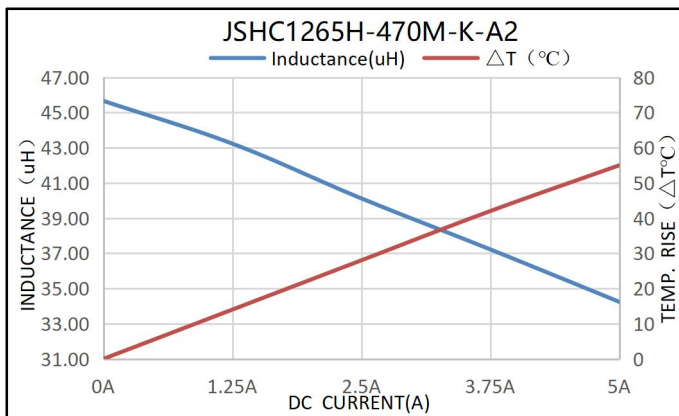
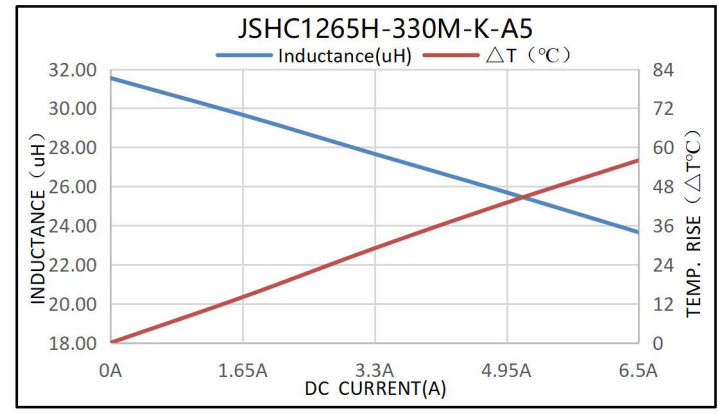
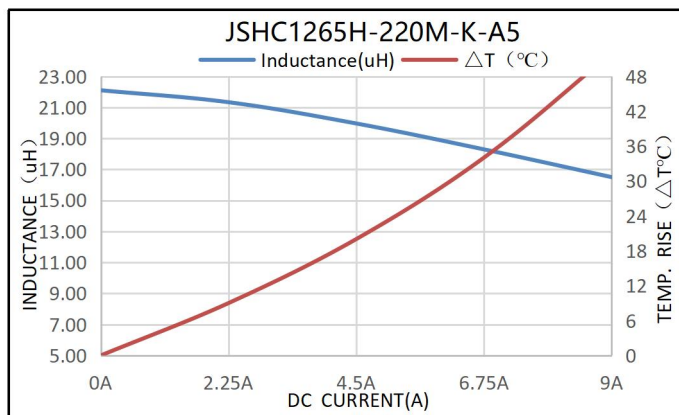
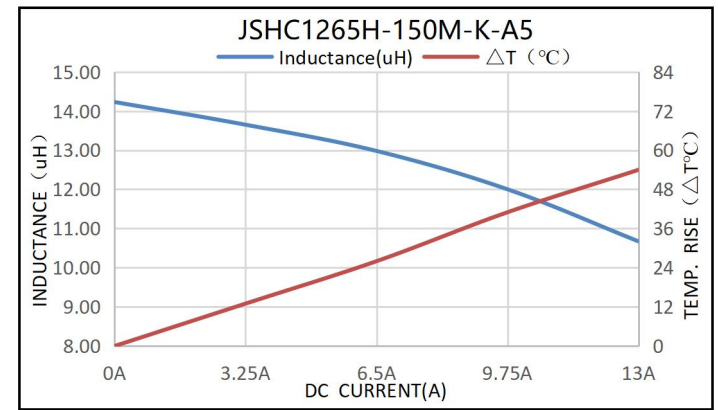
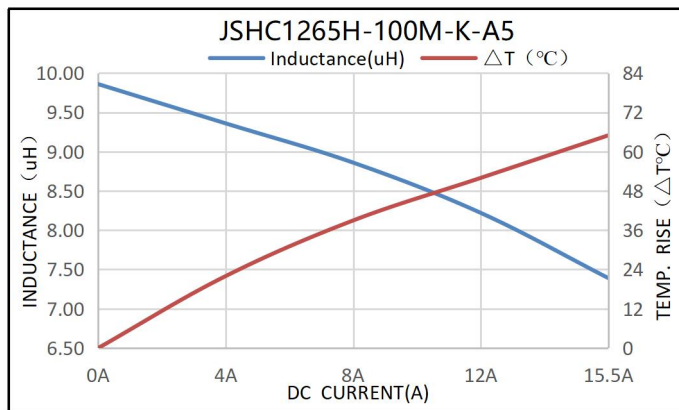
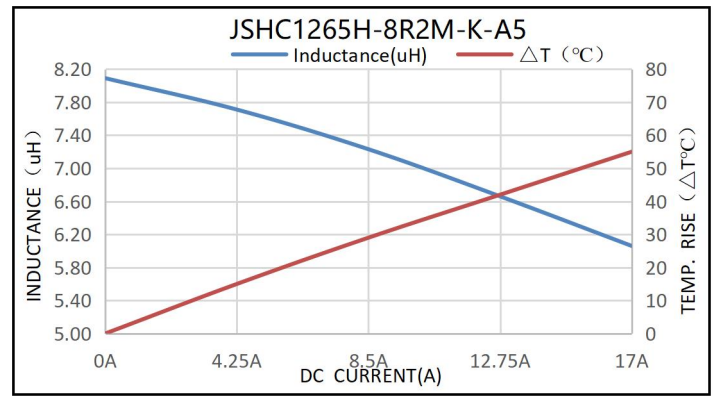
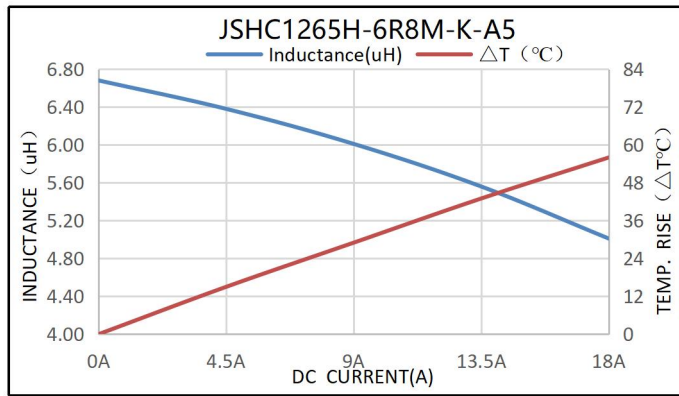
Note: When ordering, please specify tolerance code. Tolerance: M=±20%

- All data is tested on 25°C ambient temperature.
- Inductance is tested at 100kHz, 1.0V.
- Heat rating current: The value of DC current when product temperature rise is $\Delta T40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).
- Saturation current: The value of DC current when the inductance decreases approximately 30% of its.

Special remind: Circuit design, component placement, frequency, cooling system and etc. all will affect the product temperature. Please verify the actual product temperature in the final application.

6.Heat rating current VS saturation current curv

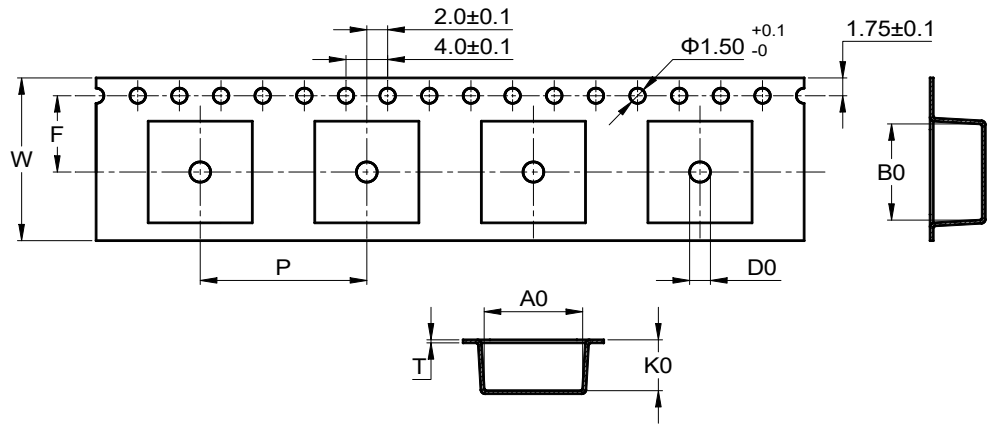




7. Packaging Specifications

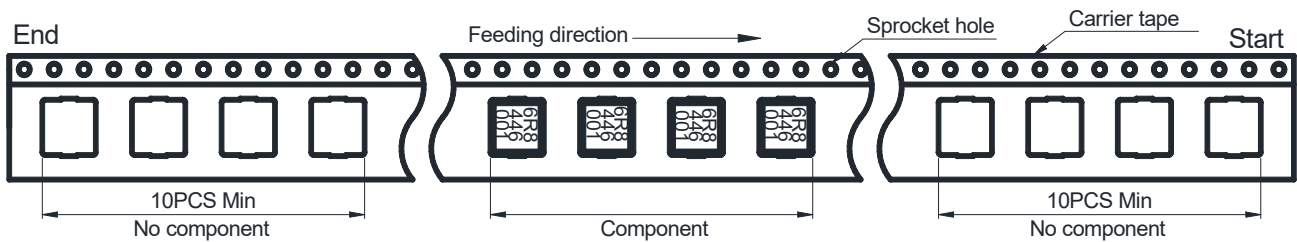
Carrier tape dimensions

A0	13.1±0.1
B0	14.1±0.1
K0	6.8±0.1
W	24.0±0.3
P	16.0±0.1
F	11.5±0.1
T	0.40±0.05
D0	1.5±0.1



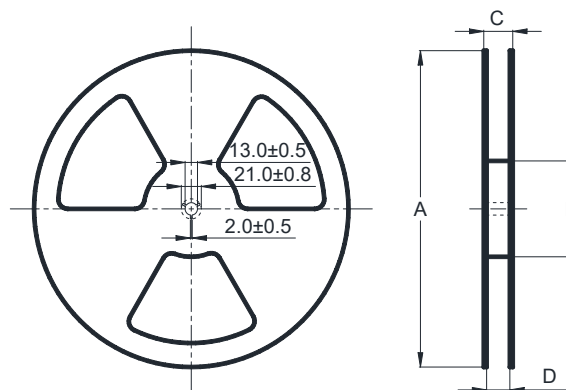
※ 包装参照国际标准 IEC 60286-3。
Packaging is referred to the international standard IEC 60286-3.

Packaging direction

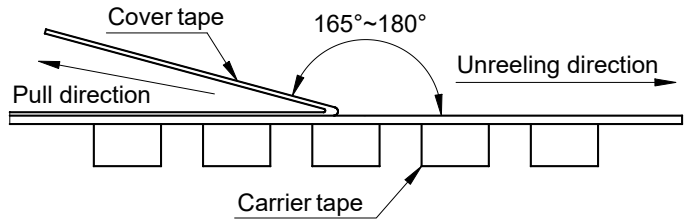
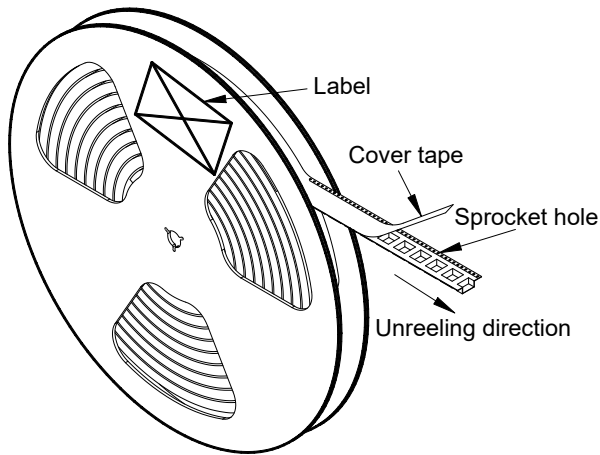


Reel dimensions

A	330 ± 2.0
B	100 Min
C	28.0 Max
D	24.5 Min

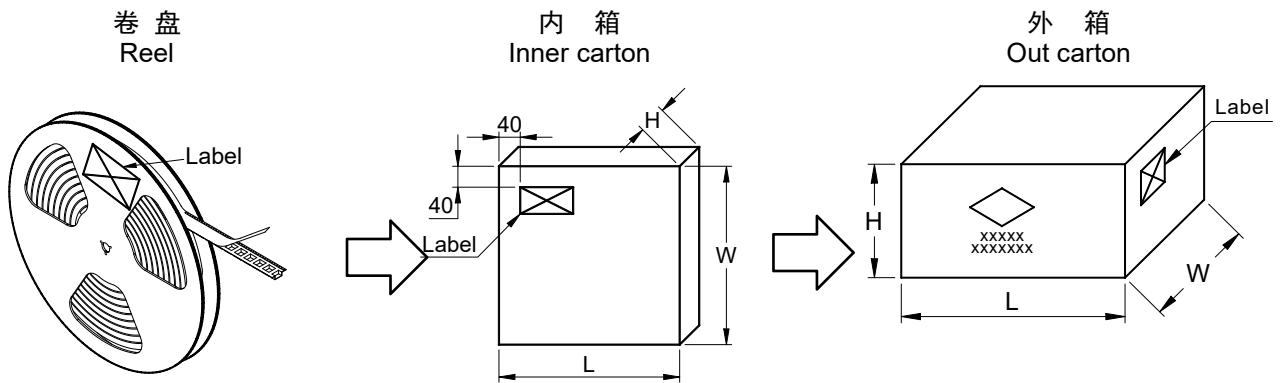


Cover tape peel-off condition



※ 盖带剥离力度为 0.1~1.3N。
 Cover tape peel-off force will be 0.1 to 1.3N.
 ※ 参考剥离速度 300±10mm/分钟。
 Reference peel-off speed 300±10mm/min.

Carton dimensions and packaging quantity



■ 内包装箱(L×W×H): 340×340×66mm
 Inner Carton

■ 外包装箱(L×W×H): 360×360×215mm
 Out Carton

SHC1265	每盘 包装数量 Per Reel Quacity	内箱 包装数量 Inner Carton Quacity	外箱 包装数量 Out Carton Quacity
	400 pcs	(400×2) = 800 pcs	(800×3) =2,400 pcs

Labeling requirement

Figure 1



卷轴/啤盒/外箱标签 (图一)

Reel / Plastic Box / Outer Carton Label (Figure 1)

一、标签大小/Label Size: 70mm*50mm (Width × Height) ;

二、标签内容 (图一) / Label Content (Figure 1)

1、MPN:实际金籁料号/Actual part number;

2、QTY: 实际包装数量/Actual packaging quantity;

3、Lot No: 生产批次, (如2446001, 一个工单为一个批次, 卷盘啤盒外箱同为一个批次, 同周期不同工单批次叠加加流, 每周从001开始) /Production batch (e.g., 2446001, one work order equals one batch. The reel, plastic box, and outer carton share the same batch number.

For different work orders in the same cycle, batch numbers are incremented sequentially, starting from 001 each week.);

4、Supplier:JINLAI ;

5、Customer:_____;

6、CPN:_____;

7、条形码显示对应内容/Displays corresponding content ;

8、二维码内容/QR Code Content :

MPN@QTY@Lot No(JSHC0840H-6R8M-K-A5@1000 @2446001)

注: 印字中的周期和流水需与出货标签 Lot No中的周期和流水相对应,卷盘、啤盒、外箱共用以上标签模版, 若遇多个批次产品合箱, 啤盒、外箱都要对应显示 Lot No, 啤盒、外箱可同时贴多张标签体现。

Note: The cycle and serial number in the printed text must match those in the Lot No. on the shipping label. This label template is shared by reels, plastic boxes, and outer cartons. If products from multiple batches are packed into one carton, the corresponding Lot No must be displayed on both the plastic box and outer carton. Multiple labels can be affixed to the plastic box and outer carton as needed.

三、标签粘贴位置/Label Placement

1、卷轴标签粘贴位置如图所示 (图二)

/Reel label placement: As shown in Figure 2

2、啤盒的标签粘贴位置如 (图三)

/Plastic box label placement: As shown in Figure 3

3、外箱标签粘贴位置如图所示 (图四)

/Outer carton label placement: As shown in Figure 4

注: 每批需附出货检验报告。

Note: Each lot shall be accompanied by a Outgoing Inspection Report.

Figure 2



Figure 3



Figure 4

