

# Product Specification

Number: RNP18-PK0807

Name: Axial Choke

Customer: \_\_\_\_\_

Date: 2025-08-19

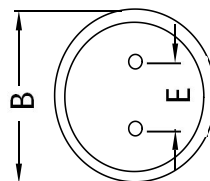
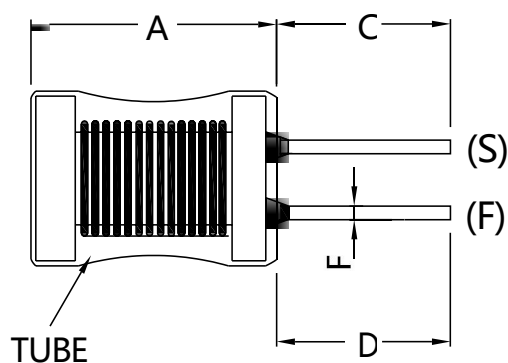
Customer Signature:



|       |        |        |         |
|-------|--------|--------|---------|
| Compi | Check  | Review | Approva |
| Jenny | Jack.C |        |         |

|  |             |              |         |            |
|--|-------------|--------------|---------|------------|
|  | Part name   | Axial Choke  | Date    | 2025-08-19 |
|  | Part number | RNP18-PK0807 | Edition | V1         |
|  | Department  |              | Page    | 2/ 4       |

## 1. SHAPES AND DIMENSIONS (UNIT:mm)



### SPEC.(mm)

|   |          |
|---|----------|
| A | 10.0 MAX |
| B | 10.0 MAX |
| C | 18.0±2.0 |
| D | 18.0±2.0 |
| E | 5.0±0.5  |
| F | 0.6±0.1  |
|   |          |
|   |          |
|   |          |

## 2. PART NUMBERING SYSTEM

RNP18-PK **0807** -    □ □ □    □ -    □ □  
 1                      2                      3                      4                      5

- 1 PRODUCT SYMBOL (产品代号)
- 2 DIMENSIONS (规格尺寸)
- 3 INDUCTANCE (电感量)
- 4 TOLERANCE (公差) : J±5%; K±10%; L±15%; M±20%; P±25%; N±30%
- 5 E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

### REMARK:

1. Operating temperature range from -40℃~+125℃. (Including self-heating)
2. Storage temperature range from -40℃~+85℃.

|  |             |              |         |            |
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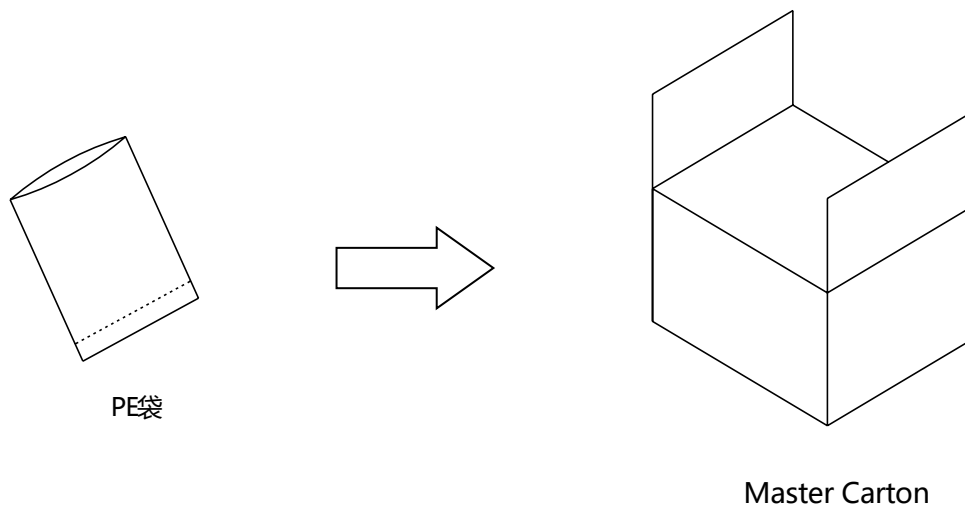
### 3. ELECTRICAL CHARACTERISTICS

| Parts No. | L( $\mu$ H)<br>@1KHz/0.25V | DCR( $\Omega$ )<br>MAX | Isat*(A) |
|-----------|----------------------------|------------------------|----------|
| 0807-100K | 10 $\pm$ 10%               | 0.05                   | 2.00     |
| 0807-150K | 15 $\pm$ 10%               | 0.07                   | 1.80     |
| 0807-330K | 33 $\pm$ 10%               | 0.12                   | 1.50     |
| 0807-470K | 47 $\pm$ 10%               | 0.18                   | 1.00     |
| 0807-101K | 100 $\pm$ 10%              | 0.35                   | 0.80     |
| 0807-221K | 220 $\pm$ 10%              | 0.65                   | 0.40     |
| 0807-331K | 330 $\pm$ 10%              | 1.00                   | 0.35     |
| 0807-471K | 470 $\pm$ 10%              | 1.50                   | 0.30     |
| 0807-681K | 680 $\pm$ 10%              | 2.00                   | 0.30     |
| 0807-102K | 1000 $\pm$ 10%             | 3.00                   | 0.27     |
| 0807-222K | 2200 $\pm$ 10%             | 7.00                   | 0.15     |
| 0807-472K | 4700 $\pm$ 10%             | 14.00                  | 0.10     |
| 0807-682K | 6800 $\pm$ 10%             | 20.00                  | 0.06     |
| 0807-822K | 8200 $\pm$ 10%             | 23.00                  | 0.05     |

\*Isat: Saturation Current, the current when the inductance becomes 10% lower than its initial value.

|  |             |              |         |            |
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## 4.PACKAGE SPECIFICATION



| NO. | Packaging Materials | Reference Dimension | Quantity       |
|-----|---------------------|---------------------|----------------|
| 1   | PE袋                 | 205×145(mm)         | 250PCS/Bag     |
| 2   | Master Carton       | 380×270×135(mm)     | 5000PCS/Carton |

备注：产品采用PE袋装，每袋装250PCS，一箱装20袋，共计5000PCS。