



ISO9001-2015  
Certificate No:672Q22020207194

No.T52210311961TC Date;OCT 12,2022 No.T52310270397TC Date:apr 15.2023

# 承認書

## SPECIFICATION FOR APPROVAL

客户名稱  
CUSTOMER

品名規格  
DESCRIPTION 26.5x19.6x15

客户料號  
CUS. P/N

提出日期  
DATE 2025.05.12

出 圖 RDAWING		
發 行 MADE	復 核 CHECKED	確 認 APPROVED
李光赫	方煜镗	梁琼
销售部：张 丽		

承 認 CUSTOMER APPROVE



深圳市航宇磁电有限公司

1, Part No.: EMC-P027-01    Version: 01

2, Used For: Common mode Core for EMC, Current Transducer, Transformer.

3, Core Material Type: EMC1K107B    Fe about 72.5, Si,B about 15 Cu,<1% Nb and other alloying element

4, Encapsulation type: Protect by a plastic shell, and add silicon rubber to fix the core

5, Thickness of strip:18~25um

6, Curie point temperature for magnetic material at about 550°C

7, Bare Core Physical characteristics (26.5\*19.6\*15)

Outer Diameter 26.5mm

Inner Diameter 19.6mm

Height 15mm

Across sectional eff Area  $A_{Fe}=0.414\text{cm}^2$

Core Effective Path Length  $L_{Fe}=7.24\text{cm}$

Weight  $M_{Fe}=21\text{g}\pm 3\text{g}$

8, Case: Coated with epoxy resin, operating temperature range (-40°C~105°C),color is green.

9, Relative permeability

$\mu_i@100\text{HZ}$  11W~17W

10, Single turn inductor value

$Al@100\text{HZ}$  77~117.2 uH

Set test voltage 0.01V

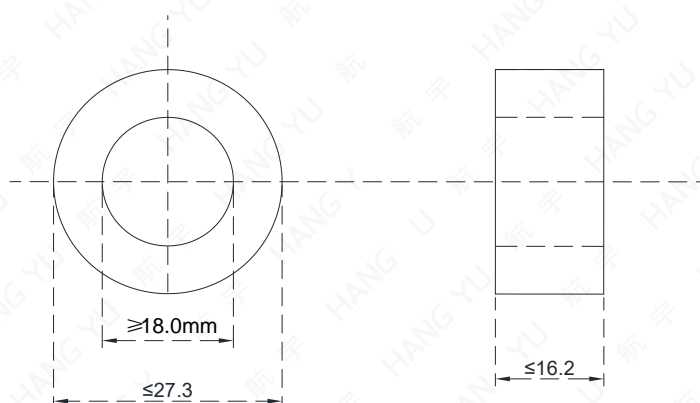
11, Outline Dimensions

Outer Diameter  $\leq 27.3\text{mm}$

Inner Diameter  $\geq 18.0\text{mm}$

Height  $\leq 16.2\text{mm}$

12, Outline Drawing



Part No.	Version	Author	Checked	Approved	Release data
	01	Doris.Q	Frankie.F	Jason.H	

深圳市航宇磁电有限公司