



ISO9001-2015
Certificate No:672Q22020207194



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

承 認 書

SPECIFICATION FOR APPROVAL

客戶名稱
CUSTOMER

品名規格
DESCRIPTION 26.5x19.6x15

客戶料號
CUS. P/N

提出日期
DATE 2025.05.12

出 圖 DRAWING		
發 行 MADE	復 核 CHECKED	確 認 APPROVED
李光赫	方煜镭	梁琼
銷售部：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 $A_{Fe}=0.414cm^2$

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

Weight $M_{Fe}=21g\pm3g$

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

9, Relative permeability

$ui@100HZ$ 11W~17W

10, Single turn inductor value

$AI@100HZ$ 77~117.2 uH

Set test voltage 0.01V

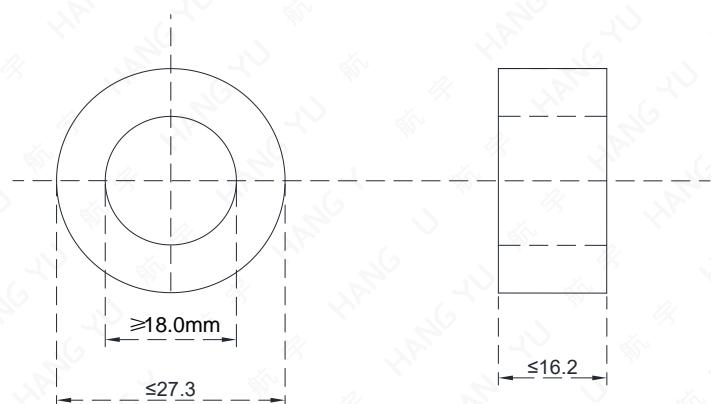
11, Outline Dimensions

Outer Diameter $\leq 27.3mm$

Inner Diameter $\geq 18.0mm$

Height $\leq 16.2mm$

12, Outline Drawing



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