



ISO9001-2015
Certificate No:672022020207194



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 F9 SCRC 35A

客户料號
CUS. P/N

提出日期
DATE 2025.05.12

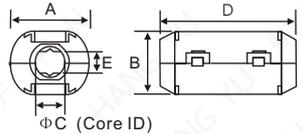
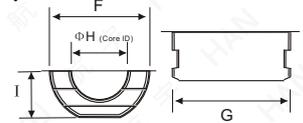
| 出圖 RDRAWING | | |
|----------------|---------------|----------------|
| 發行 MADE | 復核 CHECKED | 確認 APPROVED |
| 李光赫 | 方煜镗 | 梁琼 |
| 销售部：张 丽 | | |

| 承 認 CUSTOMER APPROVE |
|-------------------------|
| |



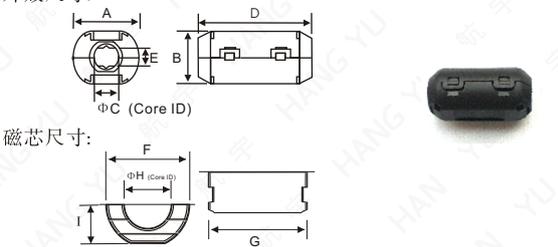
承認書

SPECIFICATION FOR APPROVAL

| | | | | | | | | | |
|--|---|--|---|--|------------------------|-------------------|------------------------------------|----------------------------------|------------------------|
| 客戶名稱 CUSTOMER | | 日期 DATE | 2025.05.12 | | | | | | |
| 規格 ITEM | F9 SCRC 35A | 編號 SERIAL NO. | | | | | | | |
| 1.1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm): 外殼尺寸:  磁芯尺寸:  | | 1.2. 實物圖: The Sample:  | | | | | | | |
| | | A | 13.0 ± 1.0 mm | | | | | | |
| | | B | 11.8 ± 1.0 mm | | | | | | |
| | | C | 3.5 ± 0.8 mm | | | | | | |
| | | D | 25.2 ± 1.0 mm | | | | | | |
| | | E | 2.5 ± 1.0 mm | | | | | | |
| | | F | 10 ± 0.5 mm | | | | | | |
| | | G | 20 ± 0.6 mm | | | | | | |
| | | H | 3.5 ± 0.5 mm | | | | | | |
| | | I | 4.6 ± 0.5 mm | | | | | | |
| 2. 電氣性能檢測項目: ELECTRICAL REQUIREMENTS: | | 測試儀器 TEST INSTRUMENTS | | | | | | | |
| <input type="checkbox"/> L | | TEST FREQ | KHZ MHZ | | | | | | |
| <input type="checkbox"/> Q | | TEST FREQ | KHZ MHZ | | | | | | |
| <input checked="" type="checkbox"/> Z | Z1= 85 Ω MIN KHZ 25 MHZ | Z2= 205 Ω MIN KHZ 100 MHZ | Z3= KHZ MHZ | | | | | | |
| 溫度 TEMP | ℃ | 濕度 HUMIDITY | % | | | | | | |
| 線組 WINDING | | Φ0.5x0.5TSx100L(mm) | | | | | | | |
| 3. 外觀標準: 依下表對照檢索: THE LIMIT OF BREAKAGE: CHECKED BELOW: | | | | | | | | | |
| OD (mm) | 0~5 | 5.1~10 | 10.1~15 | 15.1~20 | 20.1~25 | 25.1~30 | 30.1~35 | 35以上 | |
| 缺陷面积 Defect area (mm ²) | ≦1 | ≦2 | ≦3 | ≦4 | ≦5 | ≦6 | ≦7 | ≦8 | |
| 缺陷个数 Number of defects (≦) | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | |
| 4. 材質特性 MATERIAL CHARACTERISTICS | | | | | | | | | |
| 材料 牌號 Mate- rial | 初始磁導率 Initial Permeability | 比損耗因子 Relative Loss Factor | 比溫度系數 Relative Temperature Coefficient | 飽和磁通密度 Saturation Magnetic Flux Density | 剩磁 Reman- ence | 矯頑力 Coercivity | 居裏溫度 Curie Tempera- -ture | 電阻率 Electrical Resistivity | 密度 Density |
| Unit symbol | μ _i ±20% | Tan δ / μ _i ×10 ⁻⁶ | α μ _i γ ×10 ⁻⁶ | B _s (MT) | B _r (MT) | HC (A/m) | T _c (°C) | ρ (Ω · m) | d g/cm ³ |
| F9 | 1000 | 16 (0.1MHz) | 5 - 10 | 280(1600A/m) | 200 | 20 | >130 | >10 ⁵ | 4.6 |

檢驗數據

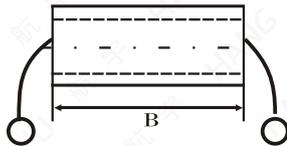
INSPECTION DATA

| | | | | | | | |
|-------------------|---------------------|--------------------|------------------|---|------------------|----------------|-------|
| 客戶名稱 CUSTOMER | | | | 日期 DATE | 2025.5.12 | 數量 QUANTITY | 10PCS |
| 編號 SERIAL NO. | | | | 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm): (Core diameter) 實物圖: The Sample:: 磁芯尺寸:  | | | |
| 規格 ITEM | F9 SCRC 35A | | | | | | |
| 繞組 WINDING | Φ0.5x0.5TSx100L(mm) | | | | | | |
| 測試頻率 TEST FREQ | Z1= 25 KHZ MHZ | Z2= 100 KHZ MHZ | Z3= / KHZ MHZ | | Z4= / KHZ MHZ | | |
| 溫度 TEMP | °C | 濕度 HUMIDITY | | | % | | |

| 項目 TEST ITEM | 電氣性能 ELECTRIC CHARACTERISTICS | | | 尺寸(單位:毫米) DIMENSION(unit:mm) | | | | | | | | |
|--------------------|----------------------------------|--------|-------|---------------------------------|-------|------|-------|------|-------|-------|------|------|
| | Z1(Ω) | Z2(Ω) | Z3(Ω) | A | B | C | D | E | F | G | H | I |
| | | 85 | 205 | | 13.0 | 11.8 | 3.5 | 25.2 | 2.5 | 10 | 20 | 3.5 |
| + | / | / | | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 0.5 | 0.6 | 0.5 | 0.5 |
| - | 0 | 0 | | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 0.5 | 0.6 | 0.5 | 0.5 |
| 1 | 106.7 | 229.8 | | 13.06 | 11.93 | 3.62 | 24.78 | 2.50 | 10.01 | 20.11 | 3.52 | 4.62 |
| 2 | 107.8 | 231.9 | | 13.13 | 11.92 | 3.59 | 24.79 | 2.60 | 10.10 | 20.20 | 3.45 | 4.55 |
| 3 | 106.4 | 229.9 | | 13.09 | 11.85 | 3.58 | 24.85 | 2.40 | 10.06 | 20.16 | 3.50 | 4.60 |
| 4 | 106.9 | 230.4 | | 13.08 | 11.86 | 3.51 | 24.88 | 2.45 | 10.12 | 20.15 | 3.53 | 4.63 |
| 5 | 107.4 | 230.5 | | 13.15 | 11.88 | 3.49 | 24.96 | 2.52 | 10.06 | 20.14 | 3.42 | 4.52 |
| 6 | 107.2 | 230.7 | | 13.12 | 11.82 | 3.60 | 24.98 | 2.48 | 9.95 | 20.09 | 3.49 | 4.59 |
| 7 | 106.8 | 231.6 | | 13.17 | 11.92 | 3.63 | 25.20 | 2.53 | 9.99 | 20.00 | 3.51 | 4.61 |
| 8 | 107.1 | 231.3 | | 13.14 | 11.96 | 3.45 | 25.05 | 2.47 | 9.94 | 19.95 | 3.58 | 4.58 |
| 9 | 107.4 | 231.8 | | 13.16 | 11.98 | 3.64 | 25.12 | 2.49 | 9.89 | 19.97 | 3.54 | 4.64 |
| 10 | 106.9 | 231.2 | | 13.11 | 11.92 | 3.62 | 25.09 | 2.51 | 9.98 | 19.99 | 3.47 | 4.67 |
| \bar{X} | 107.26 | 230.68 | | 13.12 | 11.90 | 3.57 | 24.97 | 2.49 | 10.01 | 20.07 | 3.50 | 4.60 |
| Y/N | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y |

測試儀器:
TEST INSTRUMENTS:

E4991A+16194A



| 檢 驗 INSPECTED | 復 核 CHECKED | 確 認 APPROVED |
|------------------|----------------|-----------------|
| 李光赫 | 方煜镗 | 梁琼 |

