**产品承认书**

**SPECIFICATION FOR APPROVAL**

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| 铭燕产品  MingYan Production | 铁硅磁粉心  Fe-Si POWDER CORE |
| 铭燕产品名称  MingYan Part Number | DK226040 |
| 客户  Customer |  |
| 客户产品名称  Customer Part Number |  |
| 客户确认  Customer Approval |  |

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| --- | --- | --- | --- | --- |
| 版本  REVISION | 变更内容  CHANGE ITEMS | 制作  DESIGNED | 核准  APPROVED | 日期  DATE |
| 00 | —— | 兰志勇 | 孙长青 | 2025.03.10 |

**1 外形和尺寸 Shape and Dimensions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5[BONO%M54DR60M9EJVC]UY | Dimensions | Un-Coated | Coated | Magnetic Dimensions | | Box Quantity |
| OD(mm) | 57.20 | 58.00 Max | Le(cm) | 12.5 | 96pcs |
| ID(mm) | 26.40 | 25.60 Min | Ae(cm2) | 2.29 |
| HT(mm) | 15.24 | 16.10 Max | Ve(cm3) | 28.6 |

**2 电磁和机械参数 Electromagnetic and Mechanical Parameters）**

|  |  |  |
| --- | --- | --- |
| Test Item | Value | Test Condition |
| 材质&磁导率 | 铁硅Fe-Si &40μ |  |
| AL值 | 92±8% （nH/N2） | 仪器(Equipment)： HP4284A  频率(Frequency): 10kHz & 电压(Voltage)：1Vrms  线圈(Coil)： Φ0.8mm×60Ts |
| 电感L  Inductance | 331.20uH±8% |
| 直流叠加  DC BIAS | 235.1 μH min  (100 Oe) | 仪器(Equipment)：TH2816B+TH1775 或者相当  频率(Frequency):10kHz 电压(Voltage):1Vrms / Idc=45A线圈(Coil)： Φ0.8mm×66Ts |
| 损耗 | 750mW/cm3(Max.) | 仪器(Equipment)： BsT-2  Frequency:50kHz & Flux Density：100mT |
| 介质耐压 | 2000Vrms Min | 仪器(Equipment)：CS2670  频率(Frequency)：50Hz  漏电流(Leakage Current): 0.5mA & 时间(Time)： 3S |
| 颜色 | 天蓝色 |  |
| 涂层材料 | 环氧树脂 |  |

测试温度(Temperature)：25±5℃

**3 外观要求Appearance Requirement**

1. 铁粉芯表面应进行绝缘涂覆处理。

The surface of the iron powder core should be dealt with insulating coating.

1. 涂覆后产品表面应光滑、颜色均匀、粘纸、起泡、起层、开裂、露底漆、疙瘩、大头、垂流现象。

After coating, the surface of the products should be smooth; the color and thickness is even distributed. It should have bareness, aliquation, crack, blotch and butt-end. It should not be sticking to the paper, foaming.

1. 掉角不超过两处，每处掉角面积小于2.0 mm2。

There should be no more than 2 chips. Each chip of the product should be less than 2.0 mm2.

**4 材料特性 Material Characteristics**

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| Core Loss Curve | DC Bias Curve |

**5 包装 Packing**

1. 产品装在吸塑盒中，每层16只。将产品装入纸箱中，每箱6层。

The products are put in the plastic bag, 16 pieces every lay. The products are put in carton boxes, 6 lay every box.

1. 包装外标识内容包括：型号、数量、生产批号。

External Packing mark includes: DONGHU part number, quantity, Lot Number.

1. **验收规则 Inspection Rules**
2. 产品的验收按GB/T2828.1-2003规定进行,其检查水平: 外观、尺寸Ⅱ,AQL:0.65;L值、Q值,S-3,AQL:0.65。

The work of cores inspection must be conduct per GB/T2828.1-2003,with its examination level: appearance and dimensions Ⅱ,AQL value: 0.65; inductance, Q value,S-3, AQL: 0.65.

1. 客户在接收到产品后一个月内须验收完毕,并请将验收结果书面通知供货方,否则视为已验收合格。

Inspection will be completed and inspection result will be feedback to DONGHU in written within one month after cores are received from DONGHU or it will be considered approved by customer.

1. **说明 NOTE**
2. 本承认书的数据更改需经双方确认，任何一方单独修改无效。

Any revision to the specification Approval must be confirmed by both the supplier and the customer, otherwise the revision is invalid.

1. 本承认书在客户收到7天之内，必须签章返回，逾期视为默认。

The specification Approval should be sent back to the supplier with customer’s chop on it within 7 days after receiving it, or we will take it as approved by customer.

1. 本承认书如果中英文描述不一致，以中文为准。

If there are any differences between the Chinese and the English contents, please take the Chinese version as the standard.