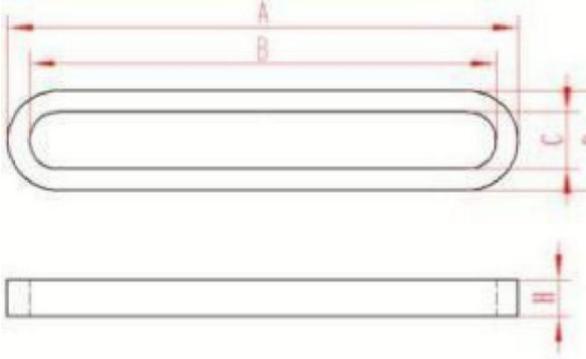


山东东泰方思电子有限公司
Shandong DTT-First Electronic Co., Ltd.

II. 技术规格及特性 Technical specifications and features

1. 尺寸和磁芯参数 Size and Core parameters

|  | 尺寸 Size(mm) | | |
|---|-------------------------------|--------------------|-----------|
| | 喷涂前 uncoated | 喷涂后 coated | |
| | A | 413.0±6.0 | 420.00max |
| | B | 379.0±6.0 | 371.00min |
| | C | 48.00-2.5/+3 | 45.00min |
| | D | 82.0±3.0 | 85.00max |
| | H | 30.0±1.0 | 32.00max |
| | 磁芯参数 Core parameters | | |
| | 有效磁路长度 Effective Length Le | 862mm | |
| | 有效截面积 Effective Cross Area Ae | 510mm ² | |
| 有效体积 Effective Volume Ve | 439620mm ³ | | |
| 参考重量 Approx. Weight Wt | 2140g/PCS. | | |

2. 材质 Material: DTT-H7

3. 电气特性 Electrical characteristics

| 项目 Item | 规格 Spec | 测试条件 Testing Condition | 测试仪器 Testing Instrument |
|------------|------------------------|------------------------------------|-------------------------------|
| AL1 | ≥3500nH/N ² | (10KHz/0.3V) Φ 1.0×300mm N=1Ts | Agilent4284A or equivalent |
| AL2 | ≥2500nH/N ² | (200KHz/0.3V) Φ 1.0×300mm N=1Ts | Agilent4284A or equivalent |
| Q 值 | ≥2 | (100KHz/0.3V) Φ 1.0×300mm N=1Ts | Agilent4284A or equivalent |
| 耐压 | 漏电流<2mA | 1000Vac, 60s | Rk2670am |

4. 允许最大缺陷（外观）Maximum chip off:

| | | 接合面 Joint face | 其他表面 Other surface |
|-----------|---|---|---|
| 破损 broken | 1 处破损的面积 1 The damaged area | ≤4mm ² | ≤8mm ² |
| | 2 处以上破损面积的合计 More than two cut area combined | ≤8mm ² | ≤20mm ² |
| | 破损深度 Damage depth | ≤4mm | ≤8mm |
| 裂纹 cracks | 深度 depth | ≤1mm | ≤2mm |
| | 长度 ength | ≤延长线长度的 1/4 Extension of line length 1/4 | ≤延长线长度的 1/3 Extension of line length 1/3 |
| 其他 other | 无有害毛刺，气孔等 No harmful burr, porosity, etc | | |

| | | |
|--------------|-------------------|--------------------|
| Item: | P/N: | SPEC./N |
| FERRITE CORE | H7TU413/80/30-001 | H7404131-2702502.1 |