

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

1. 尺寸和磁芯参数 Size and Core parameters

The image shows a technical drawing of a magnetic core. It consists of two views: a front view and a side view. The front view is a rectangle with width dimensioned as 'A' and height dimensioned as 'B'. The side view is a narrow rectangle with thickness dimensioned as 'C'. Dimension lines with arrows indicate the extent of each measurement.

尺寸 Size(mm)			
A	254.0±6.0		
B	203.2±6.0		
C	50.0±1.5		

磁芯参数		Core parameters	
有效磁路长度 Effective Length Le			mm
有效截面积 Effective Cross Area Ae			mm ²
有效体积 Effective Volume Ve			mm ³
参考重量 Approx. Weight Wt			12387g/pcs

2. 材质 Material: DTT-P4

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
ui	2400±25%	1kHz 0.25V 25℃	Agilent4284A
Pcv	≤450kW/m ³	100kHz 200mT 100℃	BsT-LMG610

注：以上数据依据相同材料的磁环测试

The above data are based on the magnetic ring test data of the same batch of materials

4. 允许最大缺陷（外观）Maximum chip off:

破损 broken	1 处破损的面积 1 The damaged area	≤10mm ²
	2 处以上破损面积的合计 More than two cut area combined	≤20mm ²
	破损深度 Damage depth	≤5mm
裂纹 cracks	深度 depth	≤3mm
	长度 length	≤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	P4F254/203.2/50-001	P4342541-22508.1