

## SPECIFICATION FOR APPROVAL

### 1. Material

Production:	Nanodust Cores
KDM.P/N:	KAM168-026A
AL:	47(nH/N <sup>2</sup> ) ± 8%
Material:	26 μ
Coating Color:	Khaki
Coating material:	epoxy
Coating Breakdown Voltage:	1000V, 0.5mA, 2Sec



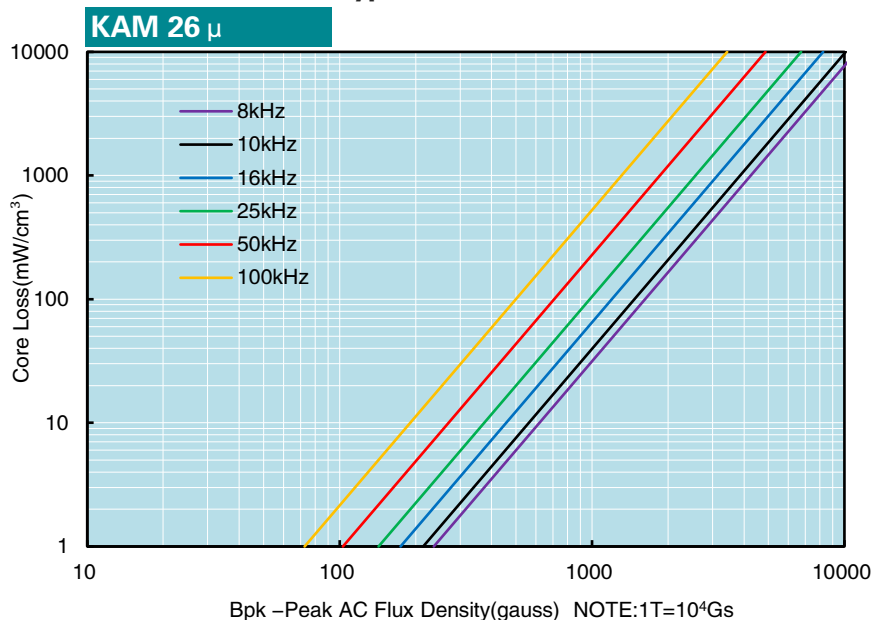
### 2. Physical Characteristics

Before Coating			After Coating			Le(cm)	Ae(cm <sup>2</sup> )	V(cm <sup>3</sup> )	W(cm <sup>2</sup> )	Weight (g) (ref.)	Box Quantity (Pieces)
OD(Max.) in/mm	ID(Min.) in/mm	Ht(Max.) in/mm	OD(Max.) mm	ID(Min.) mm	Ht(Max.) mm						
1.689 42.90	0.953 24.20	0.640 16.26	44.00	23.30	17.16	10.216	1.475	15.741	4.262	100.6	125

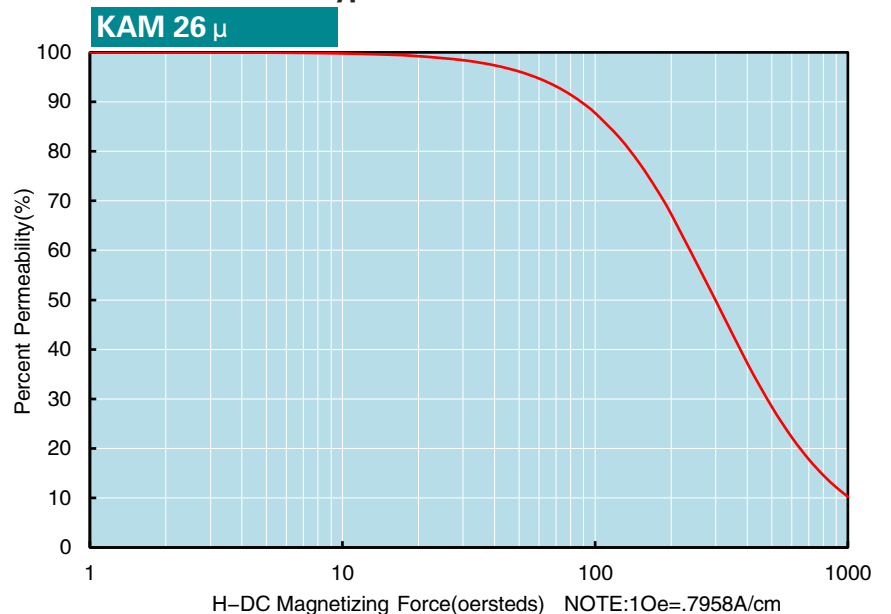
### 3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)	Test Instrument
Inductance	φ 1.2mm/54Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满)	137.1 μ H ± 8%	CH3302
DC-Bias	φ 1.2mm/54Ts, 20kHz/1V, I=30A(H=200Oe) (Evenly full windings)(均匀绕满)	84.5 μ H(Min.)	WK3255B+WK3265B
	φ 1.2mm/54Ts, 20kHz/1V, I=45A(H=300Oe) (Evenly full windings)(均匀绕满)	63.1 μ H(Min.)	
Core Loss	50kHz/1000Gs	320mW/cm <sup>3</sup> (Max.)	SY-8219
Remarks	Set the internal resistance of LCR meter to 100 Ω .(电感测试仪内阻设置100 Ω )		

Core Loss Curves(Typical)



DC-Bias Curves(Typical)



KDM确认栏  
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技术部**

客户确认栏  
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