

SPECIFICATION FOR APPROVAL

1. Material

Production:	Nanodust Cores
KDM.P/N:	KAM168-125A
AL:	224(nH/N ²) ± 8%
Material:	125 μ
Coating Color:	Khaki
Coating material:	epoxy
Coating Breakdown Voltage:	1000V, 0.5mA, 2Sec



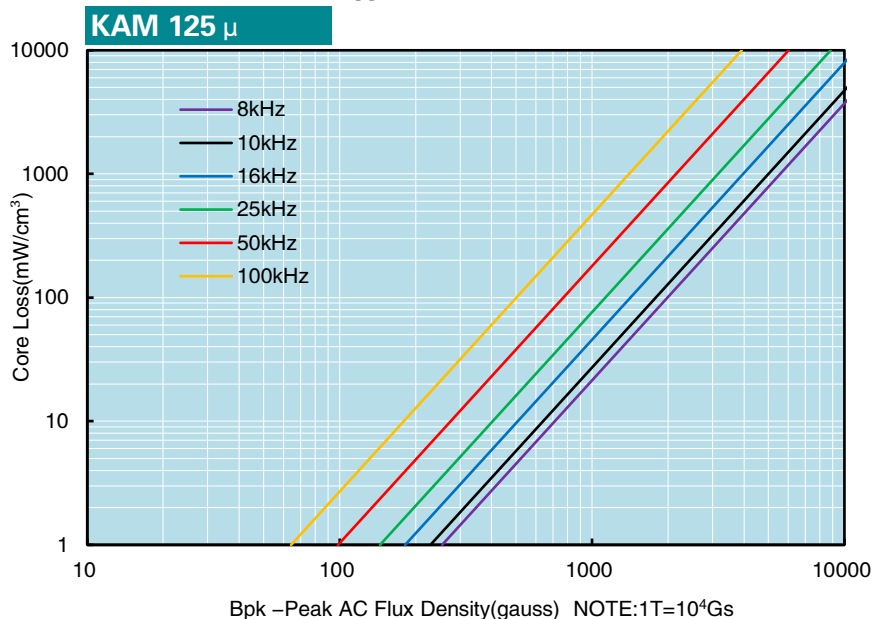
2. Physical Characteristics

Before Coating			After Coating			Le(cm)	Ae(cm ²)	V(cm ³)	W(cm ²)	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	110.0	125

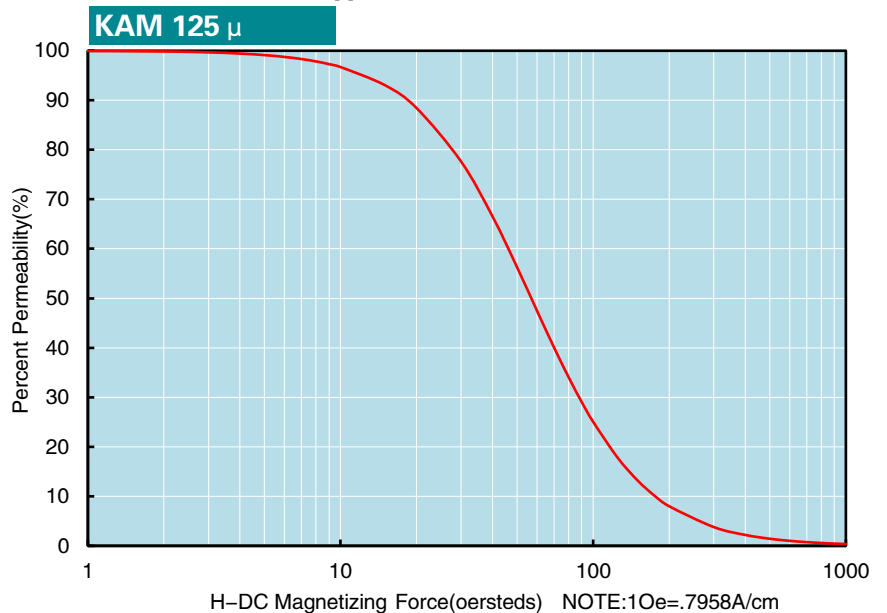
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)	Test Instrument
Inductance	φ 0.8mm/54Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满)	653.2 μ H ± 8%	CH3302
DC-Bias	φ 0.8mm/54Ts, 20kHz/1V, I=7.5A(H=50Oe) (Evenly full windings)(均匀绕满)	336.5 μ H (Min.)	WK3255B+WK3265B
Core Loss	50kHz/1000Gs	280mW/cm ³ (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)



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Please sign back after approval within 5 working days, otherwise this approval sheet would be taken as OQC standard for subsequent orders. If you have any questions, please contact RD department in time.