

SPECIFICATION FOR APPROVAL

1. Material

Production:	Nanodust Cores
KDM.P/N:	KAM300-125A
AL:	142(nH/N ²) ± 8%
Material:	125 μ
Coating Color:	Khaki
Coating material:	epoxy
Coating Breakdown Voltage:	1500V, 0.5mA, 2Sec



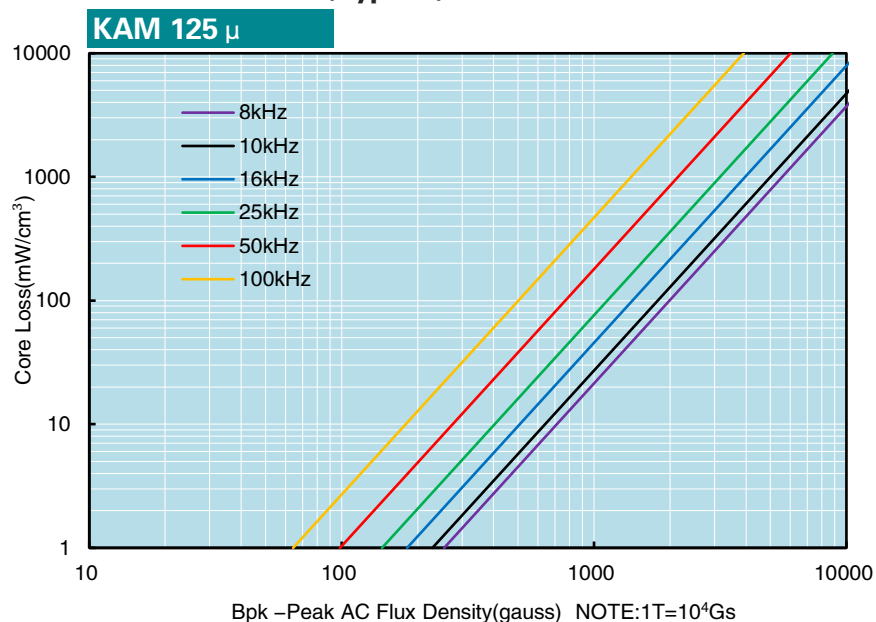
2. Physical Characteristics

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						
3.063 77.80	1.937 49.20	0.500 12.70	78.90	48.20	13.84	20.000	1.770	34.700	18.237	251.0	54

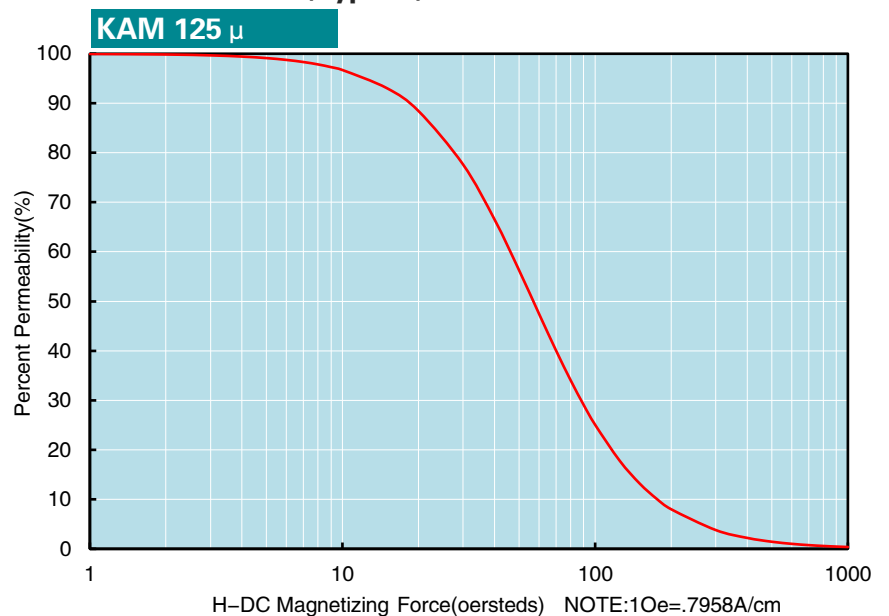
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)	Test Instrument
Inductance	φ 0.8mm/106Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满)	1595.5 μ H ± 8%	CH3302
DC-Bias	φ 0.8mm/106Ts, 20kHz/1V, I=7.5A(H=50Oe) (Evenly full windings)(均匀绕满)	822.0 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.