



SPECIFICATION FOR APPROVAL

- **Customer:** ORMIX-COMPONENTS LLC

- **Production:** Nanodust Cores

- **KDM.P/N:** KAM141-060A

- **Customer.P/N:**

- **Version :** A0

- **Date:** 2018.03.01

CUSTOMER'S SIGNATURE

REFERENCE

APPROVED BY	CHECKED BY	1.Please seal back after approval within 5 working days,otherwise this approval sheet should be taken as OQC standard for the subsequent orders. 2.Please use KDM.P/N in the subsequent orders.THANKS!

- Samples are only for test,product sepecification accords with the product approval





浙江东睦科达磁电有限公司

Zhejiang NBTM KeDa Magnetolectricity Co.,LTD

SPECIFICATION RECORD REVISION

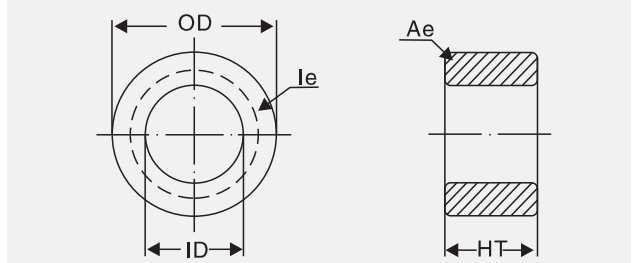
Date	Version	Specifcation Revision Conetnt
2018.03.01	A0	1. Typical Specifcation .

Version	Customer P/N	APPROVED BY	CHECKED BY	DESIGNED BY
A0		Xuan Yun Gang	Shen Jia Wei	Shen Jia Li

SPECIFICATION FOR APPROVAL

1.Material

Production:	Nanodust Cores
KDM.P/N:	KAM141-060A
A_L :	$56(\text{nH}/\text{N}^2) \pm 8\%$
Material:	60 μ
Coating Color:	Khaki
Coating material:	epoxy
Coating Breakdown Voltage:	1000Vrms.0.5mA. 2Sec.



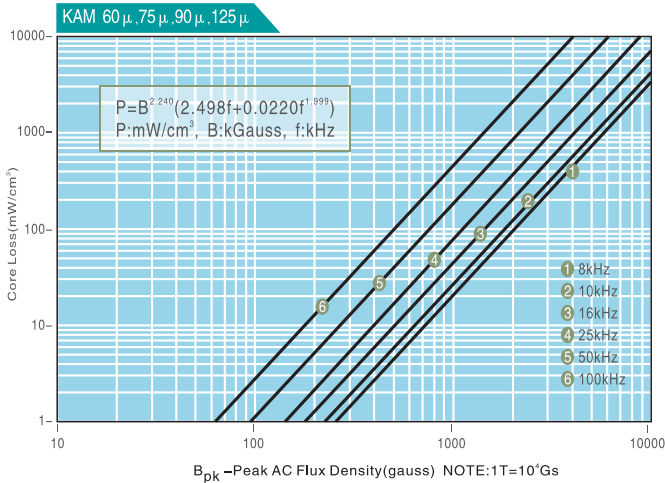
2.Physical Characteristics

Before Coating			After Coating			ℓ_e (cm)	A_e (cm ²)	V (cm ³)	W (cm ²)	Weight	Box Quantity (Pieces)
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) mm	ID(Min) mm	Ht(Max) mm						
1.410 35.80	0.880 22.40	0.412 10.50	36.63	21.54	11.28	8.980	0.678	6.088	3.640	40.8g	270

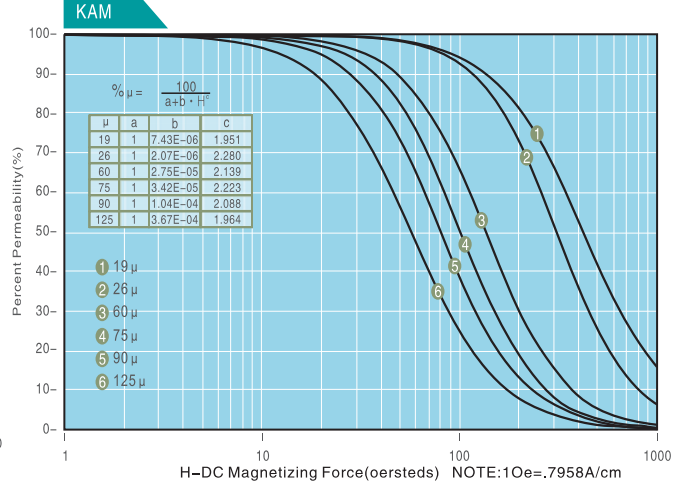
3.Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.8mm/48Ts, 20kHz/1V, $I_{DC}=0A$	129.0 μ H ± 8%
DC-Bias	ϕ 0.8mm/48Ts, 20kHz/1V, $I_{DC}=15A$ ($H_{DC}=100Oe$)	78.3 μ H (Min.)
Core Loss	50kHz/1000Gs	250mW/cm ³ (Max.)
Remarks	Set the internal resistance of LCR meter to 100 Ω .	

Core Loss Curves(Typical)



DC-Bias Curves(Typical)



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