



浙江东睦科达磁电有限公司

Zhejiang NBTM KeDa Magnetoelectricity Co.,LTD.

SPECIFICATION FOR APPROVAL

● Customer:

● Production:

Sendust Cores

● KDM.P/N:

KS039-075A

● Customer.P/N:

● Version :

A0

● Date:

2025.4.23

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 specification accords with the product approval

SPECIFICATION RECORD REVISION

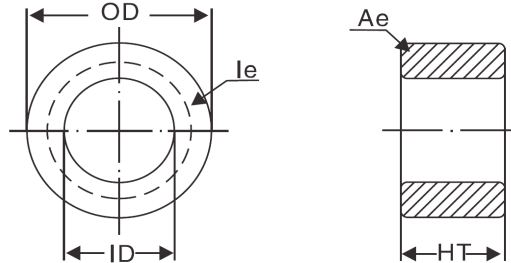
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Version	Customer P/N	APPROVED BY	CHECKED BY	DESIGNED BY
A0		Yang Pan Wen	Yu Sheng Hao	Fu Xing Chen

SPECIFICATION FOR APPROVAL

1.Material

Production:	Sendust Cores
KDM.P/N:	KS039-075A
AL:	32(nH/N ²) ± 12%
Material:	75 μ
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	600V, 0.5mA, 2Sec



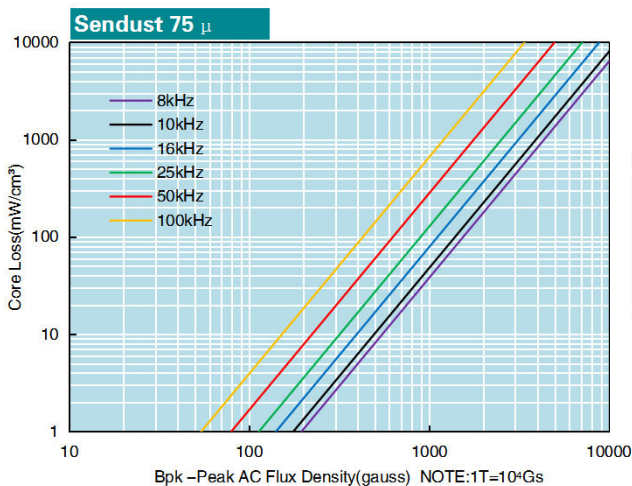
2.Physical Characteristics

Before Coating			After Coating			Le(cm)	Ae(cm ²)	V(cm ³)	W(cm ²)	Weight (g)	Box Quantity (Pieces)
OD(Max.) in/mm	ID(Min.) in/mm	Ht(Max.) in/mm	OD(Max.) mm	ID(Min.) mm	Ht(Max.) mm						
0.380 9.65	0.188 4.78	0.125 3.18	10.29	4.27	3.81	2.180	0.075	0.163	0.143	1.1	12000

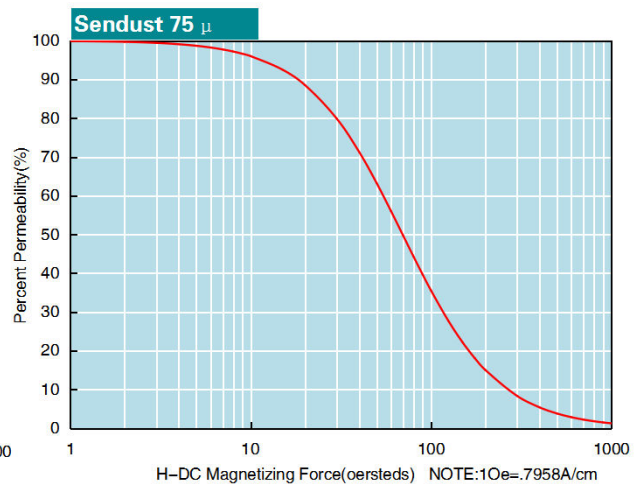
3.Electrical Parameters(Typical) Temperature(25℃ ± 2℃)

Test Item	Test Condition	Value(Typical)
Inductance	φ 0.8mm/13Ts, 20kHz/1V, I=0A	5.41 μ H ± 12%
DC-Bias	φ 0.8mm/13Ts, 20kHz/1V, I=6.7A(H=50Oe)	3.1 μ H(Min.)
Core Loss	50kHz/1000Gs	350mW/cm ³ (Max.)
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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