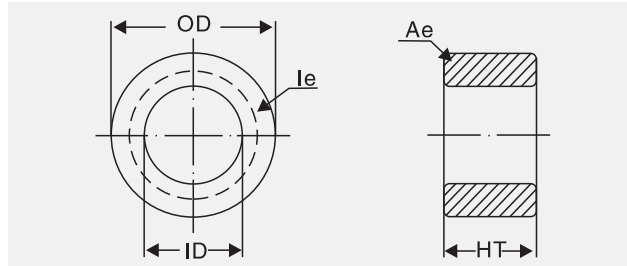


SPECIFICATION FOR APPROVAL

1. Material

Production:	Sendust Cores
KDM.P/N:	KS106-125A
A_L :	$157(\text{nH}/\text{N}^2) \pm 8\%$
Material:	125 μ
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	1000Vrms.0.5mA. 2sec



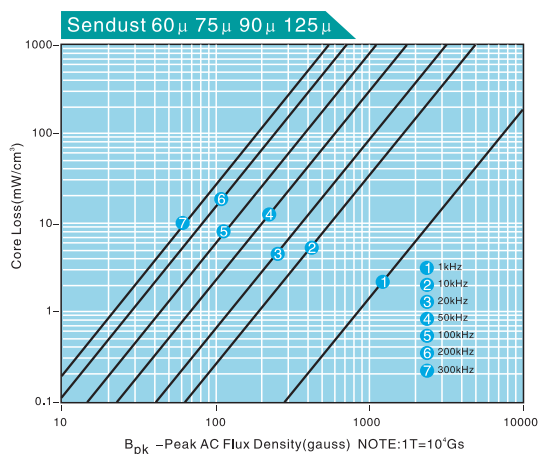
2. Physical Characteristics

Before Coating			After Coating			ℓ_o (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						
1.060 26.90	0.580 14.70	0.440 11.20	27.70	14.10	11.99	6.350	0.654	4.150	1.560	25.90g	560

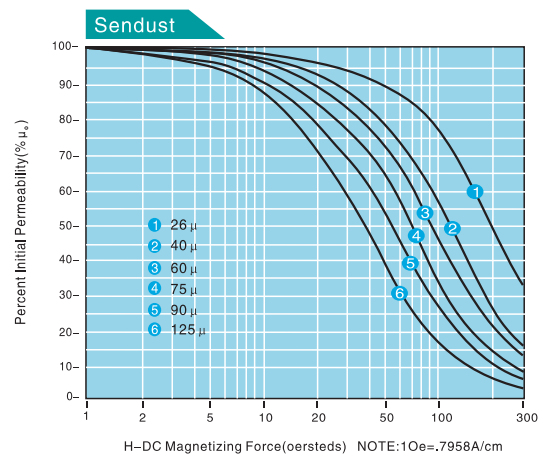
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.8mm/34Ts, 100kHz/1V, $I_{DC}=0A$	181.49 μ H ± 8%
DC-Bias	ϕ 0.8mm/34Ts, 100kHz/1V, $I_{DC}=15A$ ($H_{DC}=100Oe$)	25.05 μ H (Min.)
Core Loss	50kHz/1000Gs	360mW/cm ³ (Max.)
Remarks		

Core Loss Curves(Typical)



DC-Bias Curves(Typical)



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