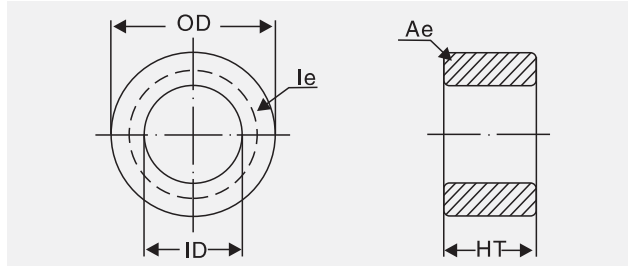


SPECIFICATION FOR APPROVAL

1. Material

Production:	Sendust Cores
KDM.P/N:	KS300-125A
A_L :	$142(\text{nH/N}^2) \pm 8\%$
Material:	125 μ
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	1500Vrms.0.5mA. 2sec



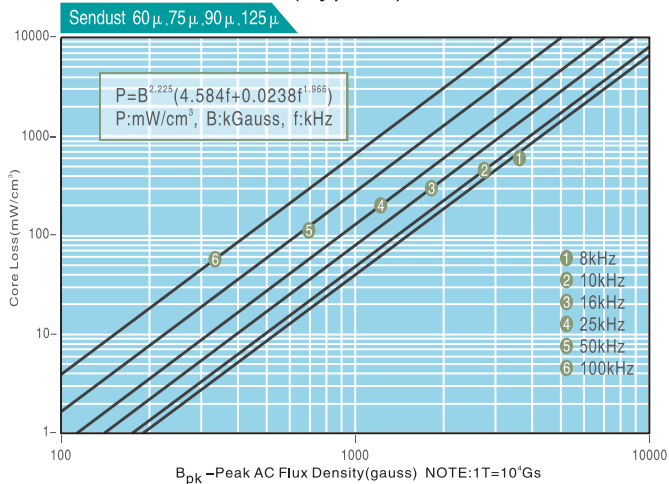
2. Physical Characteristics

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						
3.063 77.80	1.938 49.20	0.500 12.70	78.90	48.2	13.84	20.000	1.770	34.700	17.990	224.9g	54

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.8mm/106Ts, 20kHz/1V, $I_{DC}=0A$	1.60mH ± 8%
DC-Bias	ϕ 0.8mm/106Ts, 20kHz/1V, $I_{DC}=7.5A$ ($H_{DC}=50Oe$)	0.60mH(Min.)
Core Loss	50kHz/1000Gs	350mW/cm ³ (Max.)
Remarks		

Core Loss Curves(Typical)



DC-Bias Curves(Typical)

