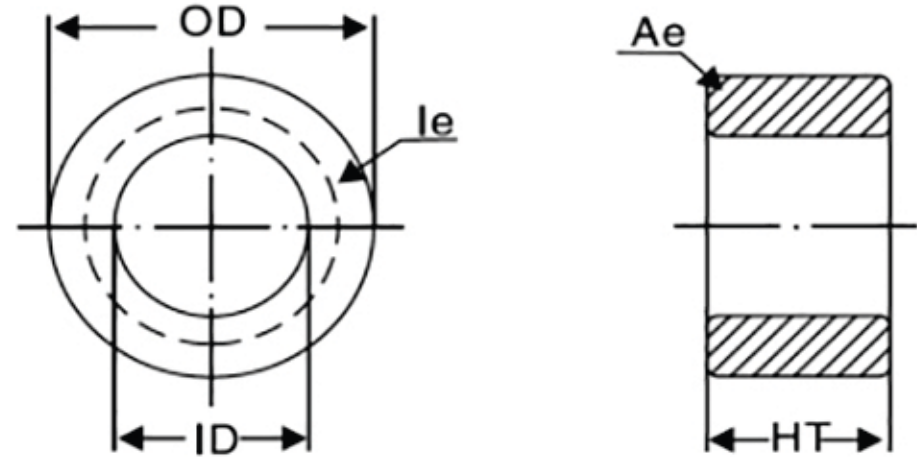


1. Material

Production:	Sendust Cores
P/N:	FAS090-075A
AL:	$54(nH/N^2) \pm 8\%$
Material:	75 μ
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	1000V, 0.5mA, 2Sec



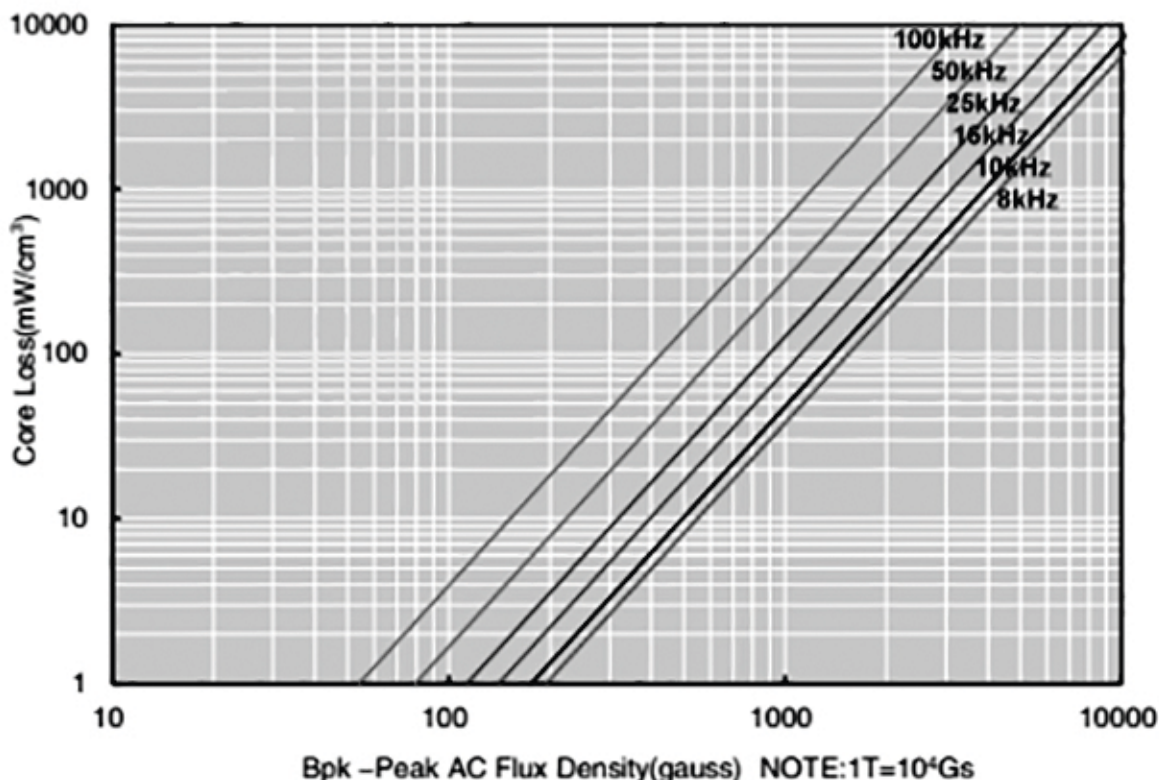
2. Physical Characteristics

Before Coating			After Coating			Le(cm)	Ae(cm ²)	V(cm ³)	W(cm ²)	Weight (g) (ref.)
OD(Max.) mm	ID(Min.) mm	Ht(Max.) mm	OD(Max.) mm	ID(Min.) mm	Ht(Max.) mm					
22.90	14.00	7.62	23.62	13.39	8.38	5.670	0.331	1.880	1.407	11.9

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.8mm/30Ts, 20kHz/1V, I=0A (Evenly full windings)	48.6 μ H $\pm$ 8%
DC-Bias	ϕ 0.8mm/30Ts, 20kHz/1V, I=7.5A(H=50Oe) (Evenly full windings)	28.2 μ H(Min.)
Core Loss	50kHz/1000Gs	350mW/cm ³ (Max.)

SENDUST 75 μ
Core Loss Curves(Typical)



SENDUST 75 μ
DC-Bias Curves(Typical)

