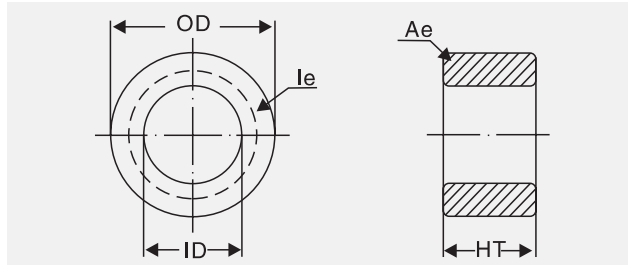


SPECIFICATION FOR APPROVAL

1. Material

Production:	Sendust Cores
KDM.P/N:	KS301-026A
A_L :	$37(\text{nH}/\text{N}^2) \pm 8\%$
Material:	26μ
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	1500Vrms.0.5mA. 2sec



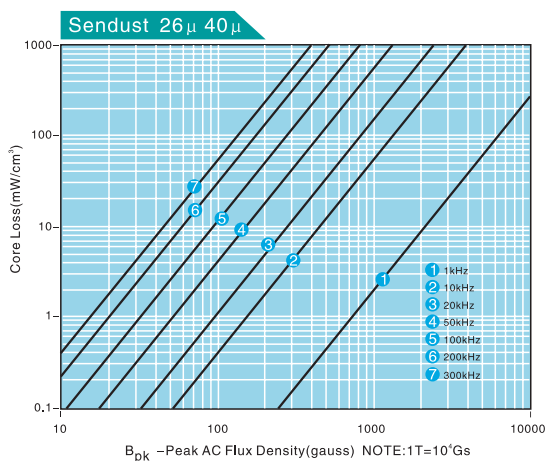
2. Physical Characteristics

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	0.625 15.90	78.90	48.20	17.02	19.950	2.270	45.300	17.990	260.09g	54

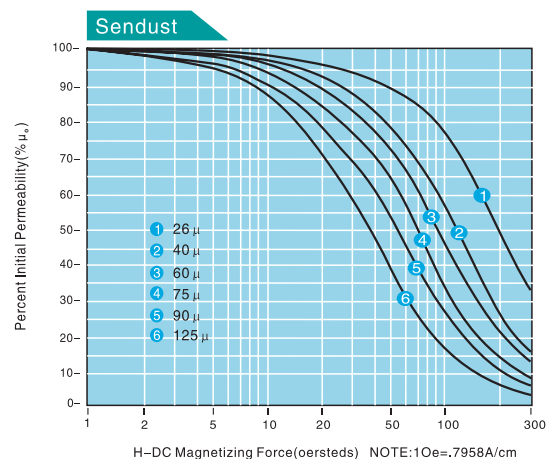
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 1.2mm/106Ts, 100kHz/1V, $I_{DC}=0A$	415.73 μ H ± 8%
DC-Bias1	ϕ 1.2mm/106Ts, 100kHz/1V, $I_{DC}=15A(H_{DC}=100Oe)$	290.68 μ H (Min.)
DC-Bias2	ϕ 1.2mm/106Ts, 100kHz/1V, $I_{DC}=30A(H_{DC}=200Oe)$	191.24 μ H (Min.)
Core Loss	50kHz/1000Gs	400mW/cm ³ (Max.)
Remarks		

Core Loss Curves(Typical)



DC-Bias Curves(Typical)



SEMIC TRADE, s.r.o.
 Volutová 2521/18
 158 00 Praha 5
 Czech Republic

www.semic.cz
semic@semic.cz
 tel.: +420 251 625 331, 332, 377
 fax: +420 251 626 252, 393