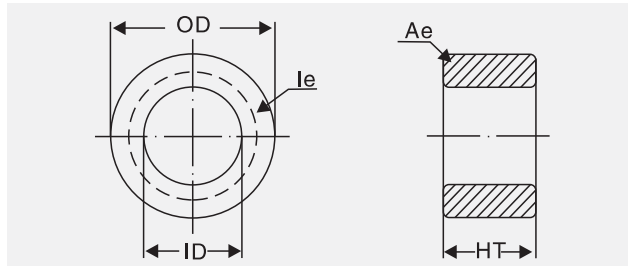


SPECIFICATION FOR APPROVAL

1. Material

Production:	High Flux Cores
KDM.P/N:	KH106-026A
A_L :	$32(\text{nH/N}^2) \pm 8\%$
Material:	26 μ
Coating Color:	Khaki
Coating material:	epoxy
Coating Breakdown Voltage:	1000Vrms.0.5mA. 2sec



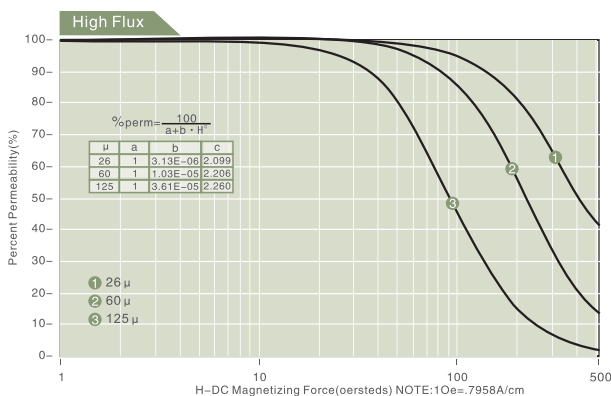
2. Physical Characteristics

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						
$\frac{1.060}{26.90}$	$\frac{0.580}{14.70}$	$\frac{0.440}{11.20}$	27.70	14.10	11.99	6.350	0.654	4.150	1.560	28.18g	560

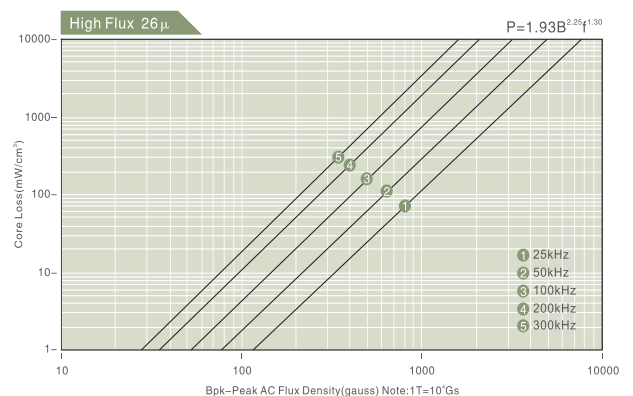
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.8mm/34Ts, 100kHz/1V, $I_{DC}=0A$	36.99 μ H \pm 8%
DC-Bias	ϕ 0.8mm/34Ts, 100kHz/1V, $I_{DC}=15A$ ($H_{DC}=100Oe$)	30.63 μ H (Min.)
Core Loss	50kHz/1000Gs	750mW/cm ³ (Max.)
Remarks		

DC-Bias Curves(Typical)



Core Loss 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