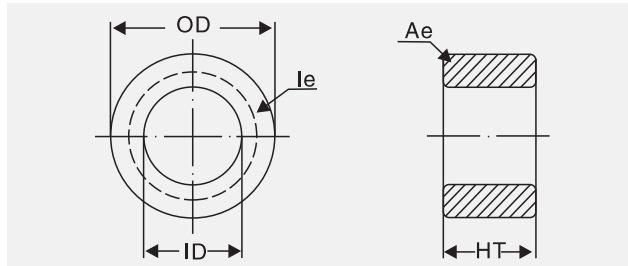


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT106-38
A_L :	108 (nH/N ²) ± 10%
Material:	-38
Coating Color:	Gray/Black
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA. 2sec

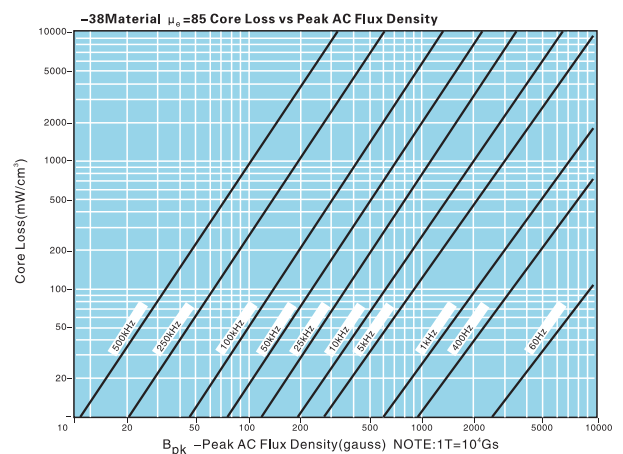
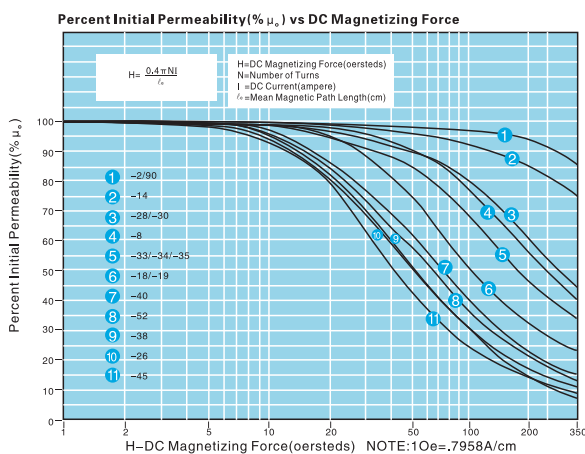


2. Physical Characteristics

After Coating			ℓ_e (cm)	A_e (cm ²)	V (cm ³)	W (cm ²)	Weight	Box Quantity (Pieces)
OD mm	ID mm	Ht mm						
26.90 ± 0.50	14.50 ± 0.50	11.10 ± 0.65	6.490	0.659	4.280	1.650	31.7g	504

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	10.80 μ H ± 10%
DC-Bias	ϕ 0.5mm/47Ts, 10kHz/1V, L(5.5A)/L(0A) × 100%($H_{DC}=50Oe$)	46%(Min.)
Core Loss	100kHz/140Gs	118mW/cm ³ (Max.)
Q	ϕ 0.29mm/10Ts, 200kHz/1V, $I_{DC}=0A$	6.0(Min.)
Remarks		



Prodin Ferrite S.L.

Calle A, 27, 08620 Sant Vicenç dels Horts, Barcelona (Spain)

Tel.: +34 93 672 46 10

info@prodinferrite.com www.prodinferrite.com