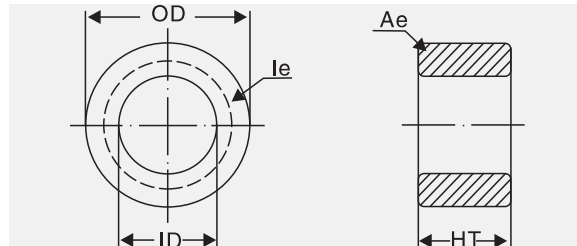


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT50-26B
A_L :	$43.5(nH/N^2) \pm 10\%$
Material:	-26
Coating Color:	Yellow/White
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA. 2sec



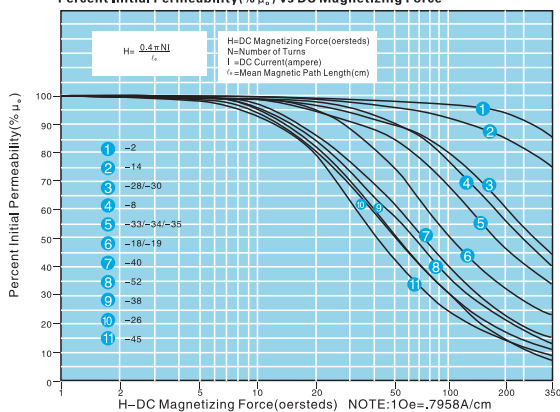
2. Physical Characteristics

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						
12.70 ± 0.50	7.70 ± 0.50	6.35 ± 0.50	3.190	0.148	0.471	0.465	3.55g	4000

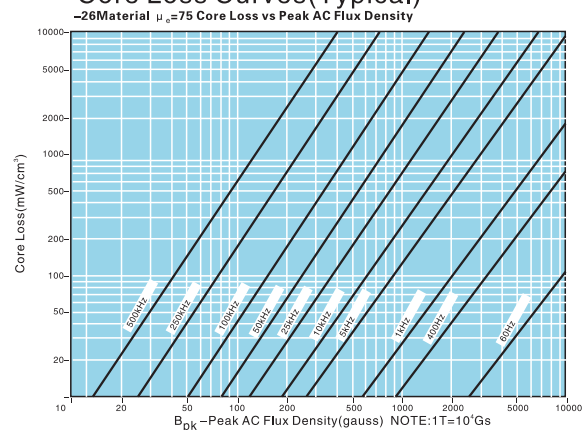
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	$4.35 \mu H \pm 10\%$
DC-Bias	ϕ 0.5mm/32Ts, 10kHz/1V, L(4.0A)/L(0A) × 100%($H_{DC}=50Oe$)	46%(Min.)
Core Loss	100kHz/140Gs	96mW/cm ³ (Max.)
Q	ϕ 0.29mm/10Ts, 200kHz/1V, $I_{DC}=0A$	6.0(Min.)
Remarks		

DC-Bias Curves(Typical)
Percent Initial Permeability(% μ_r) vs DC Magnetizing Force



Core Loss Curves(Typical)



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