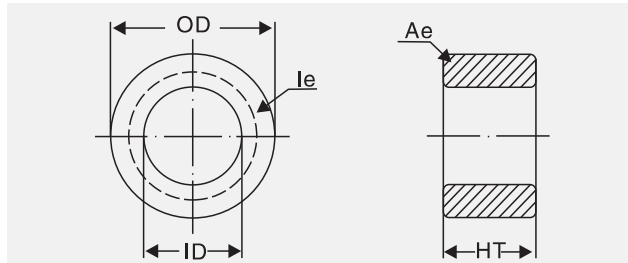


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT175-26
A_L :	$105(\text{nH}/\text{N}^2) \pm 10\%$
Material:	-26
Coating Color:	Yellow/White
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA. 2sec



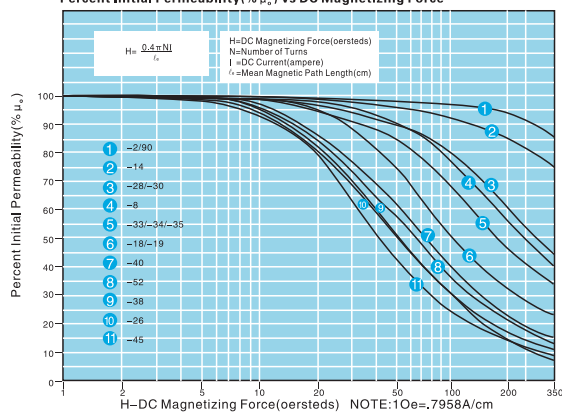
2. Physical Characteristics

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						
44.50 ± 0.65	27.20 ± 0.65	16.50 ± 0.75	11.200	1.340	15.000	5.807	107.9g	100

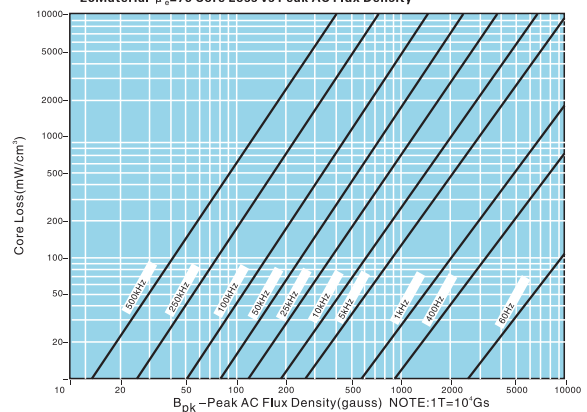
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	10.50 μ H ± 10%
DC-Bias	ϕ 0.5mm/69Ts, 10kHz/1V, L(6.5A)/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)
-26Material $\mu_r=75$ Core Loss vs Peak AC Flux Density



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