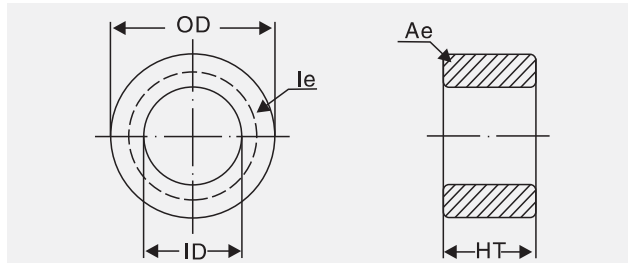


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT130-52A
A_L :	$40(nH/N^2) \pm 10\%$
Material:	-52
Coating Color:	Green/Blue
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA.2sec



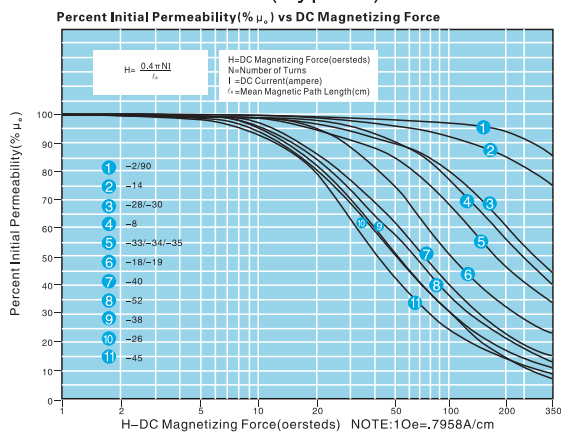
2. Physical Characteristics

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						
33.0 ± 0.50	19.8 ± 0.50	5.72 ± 0.65	8.280	0.361	2.990	3.077	21.1g	/

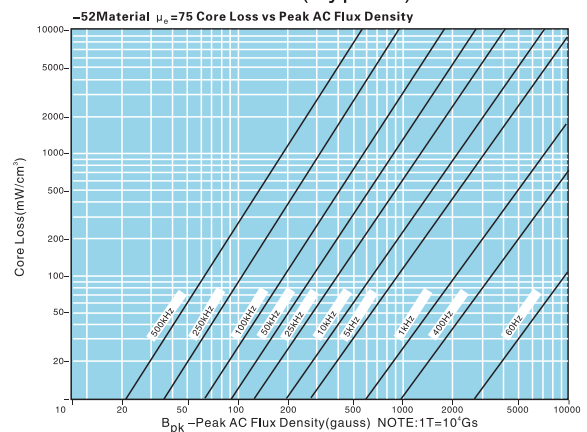
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	4.0 μ H ± 10%
DC-Bias	ϕ 0.5mm/55Ts, 10kHz/1V, L(6.0A)/L(0A) × 100%($H_{DC}=50Oe$)	53%(Min.)
Core Loss	100kHz/140Gs	67mW/cm ³ (Max.)
Q	ϕ 0.29mm/10Ts, 200kHz/1V, $I_{DC}=0A$	16(Min.)
Remarks	Set the internal resistance of LCR meter to 100 Ω .	

DC-Bias Curves(Typical)



Core Loss Curves(Typical)



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