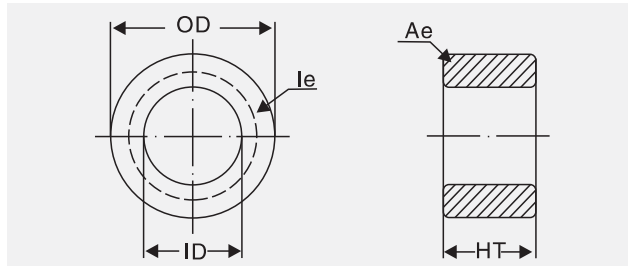


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Core
KDM.P/N:	KT200-40
A_L :	$79(nH/N^2) \pm 10\%$
Material:	-40
Coating Color:	Green/Yellow
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA.2sec



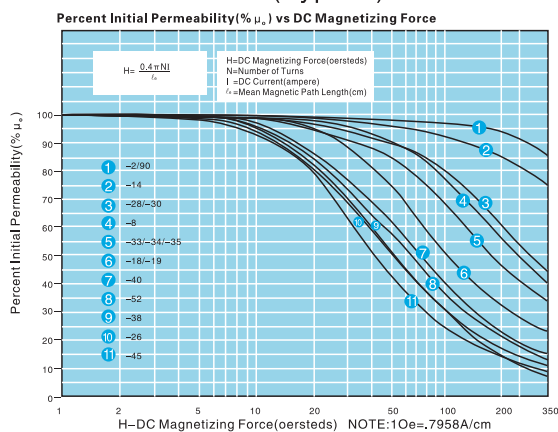
2. Physical Characteristics

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						
50.80 ± 0.65	31.80 ± 0.65	14.00 ± 0.75	13.000	1.270	16.500	7.938	116.42g	128

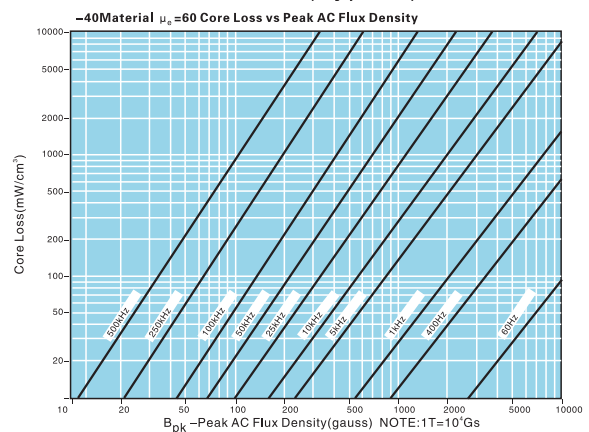
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	7.90 μ H ± 10%
DC-Bias	ϕ 0.5mm/74Ts, 10kHz/1V, L(7.0A)/L(0A) × 100%($H_{DC}=50Oe$)	56%(Min.)
Core Loss	100kHz/140Gs	115mW/cm ³ (Max.)
Q	ϕ 0.29mm/10Ts, 200kHz/1V, $I_{DC}=0A$	6(Min.)
Remarks	Set the internal resistance of LCR meter to 100 Ω .	

DC-Bias Curves(Typical)



Core Loss Curves(Typical)



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