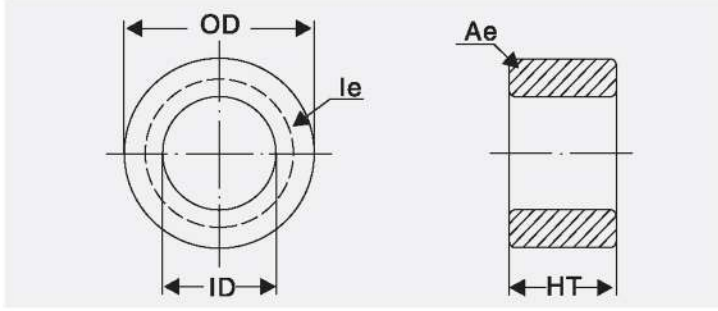
SPECIFICATION FOR APPROVAL

1.Material

Production:	Iron Powder Cores
KDM.P/N:	KT400-2/90
A_L:	18(nH/N²)(0~+15%)
Material:	-2/90
Coating Color:	Brown/Clear
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA. 2sec



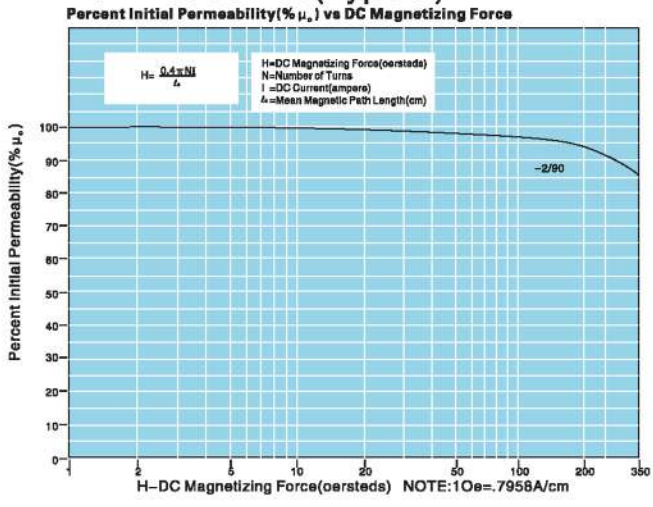
2.Physical Characteristics

After Coating			ℓ_e (cm)	A_e (cm²)	V (cm³)	W (cm²)	Weight	Box Quantity (Pieces)
OD mm	ID mm	Ht mm						
102.0±0.95	57.2±0.95	16.5±0.95	25.000	3.460	86.400	25.684	425.0g	30

3.Electrical Parameters(Typical) Temperature(25℃±2℃)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ0.29mm/20Ts, 10kHz/1V, I_{DC}=0A	7.20μH(0~+15%)
DC-Bias	ϕ0.5mm/100Ts, 10kHz/1V, L(10.0A)/L(0A)×100%(H_{DC}=50Oe)	90%(Min.)
Q	ϕ0.29mm/20Ts, 200kHz/1V, I_{DC}=0A	15(Min.)
Remarks	Set the internal resistance of LCR meter to 100Ω.	

DC-Bias Curves(Typical)



Core Loss Curves(Typical)