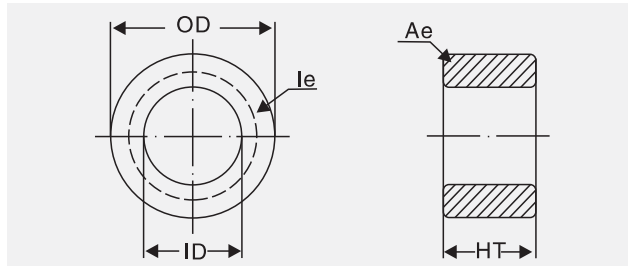


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT150-18
A_L :	$65(\text{nH}/\text{N}^2) \pm 10\%$
Material:	-18
Coating Color:	Green/Red
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA. 2sec

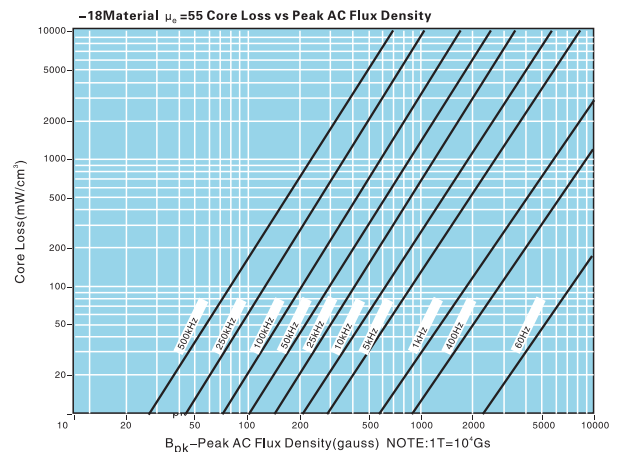
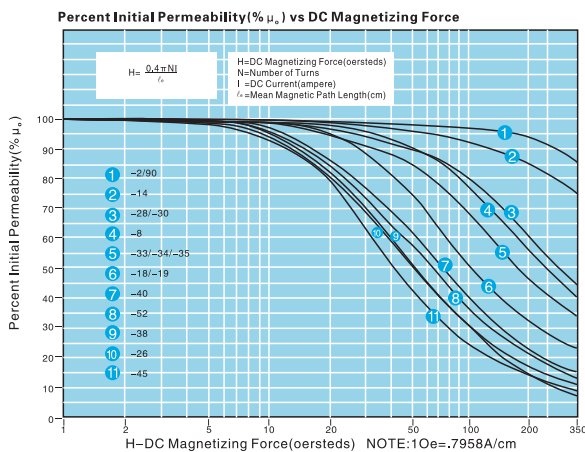


2. Physical Characteristics

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						
38.40 ± 0.65	21.50 ± 0.65	11.10 ± 0.75	9.380	0.887	8.310	3.629	56.33g	150

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/20Ts, 10kHz/1V, $I_{DC}=0A$	26.00 μ H ± 10%
DC-Bias	ϕ 0.5mm/47Ts, 10kHz/1V, L(5.5A)/L(0A) × 100%($H_{DC}=50Oe$)	67%(Min.)
Core Loss	100kHz/140Gs	60mW/cm ³ (Max.)
Q	ϕ 0.29mm/20Ts, 200kHz/1V, $I_{DC}=0A$	25(Min.)
Remarks		



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