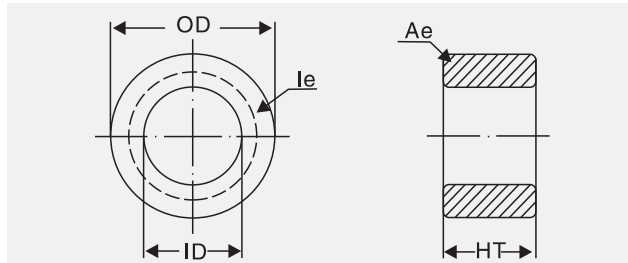


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT184-33
A_L :	$70(\text{nH}/\text{N}^2) \pm 10\%$
Material:	-33
Coating Color:	Gray/Yellow
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA.2sec



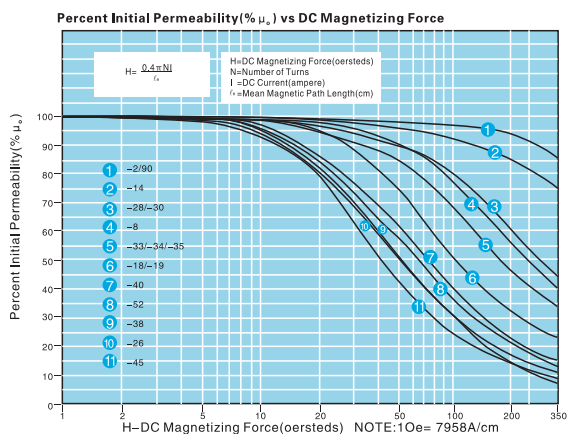
2. Physical Characteristics

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						
46.70 ± 0.65	24.10 ± 0.65	18.00 ± 0.75	11.200	1.880	21.000	4.559	134.85g	100

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/20Ts, 10kHz/1V, $I_{DC}=0A$	28.00 μ H ± 10%
DC-Bias	ϕ 0.5mm/69Ts, 10kHz/1V, L(6.5A)/L(0A) × 100%($H_{DC}=50Oe$)	76%(Min.)
Core Loss	50kHz/225Gs	140mW/cm ³ (Max.)
Q	ϕ 0.29mm/20Ts, 200kHz/1V, $I_{DC}=0A$	15(Min.)
Remarks	Set the internal resistance of LCR meter to 100 Ω .	

DC-Bias Curves(Typical)



Core Loss Curves(Typical)

