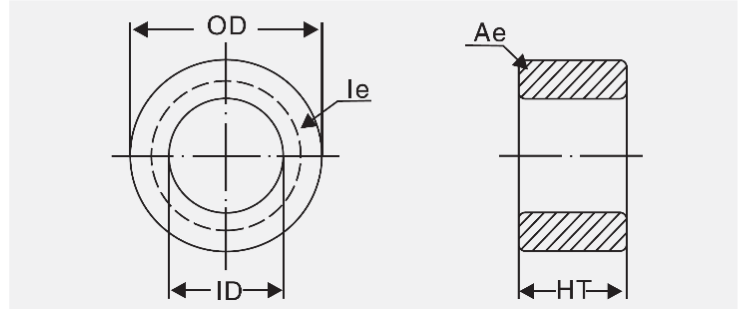


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT225-14B
A_L :	$28(nH/N^2) \pm 10\%$
Material:	-14
Coating Color:	Black/Red
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA. 2sec



2. Physical Characteristics

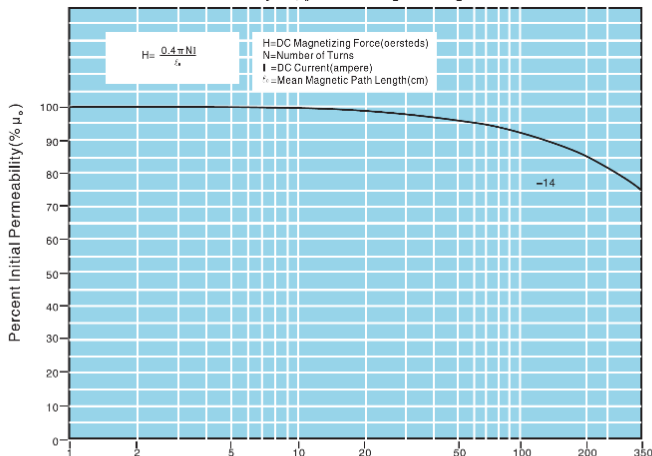
After Coating			l_e (cm)	A_e (cm ²)	V (cm ³)	W (cm ²)	Weight	Box Quantity (Pieces)
OD mm	ID mm	Ht mm						
57.20 ± 0.95	35.70 ± 0.95	25.40 ± 0.95	14.600	2.590	37.800	10.005	183.84g	64

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

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/20Ts, 10kHz/1V, $I_{DC}=0A$	11.20 μ H ± 10%
DC-Bias	ϕ 0.5mm/83Ts, 10kHz/1V, L(7.0A)/L(0A) × 100%($H_{DC}=50Oe$)	90%(Min.)
Q	ϕ 0.29mm/20Ts, 200kHz/1V, $I_{DC}=0A$	15(Min.)
Remarks		

DC-Bias Curves(Typical)

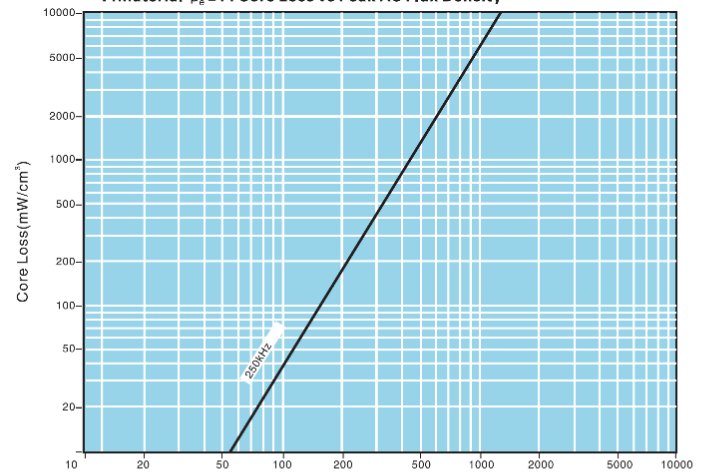
Percent Initial Permeability(% μ_e) vs DC Magnetizing Force



H-DC Magnetizing Force(oersteds) NOTE:1Oe=.7958A/cm

Core Loss Curves(Typical)

-14Material $\mu_e=14$ Core Loss vs Peak AC Flux Density



B_{pk} -Peak AC Flux Density(gauss) NOTE:1T=10⁴Gs