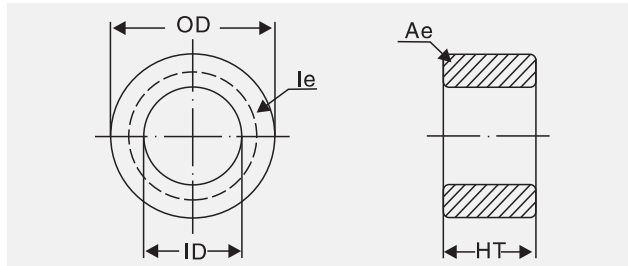


# SPECIFICATION FOR APPROVAL

## 1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT20-26
$A_L$ :	$18.5(nH/N^2) \pm 10\%$
Material:	-26
Coating Color:	Yellow/White
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA. 2sec



## 2. Physical Characteristics

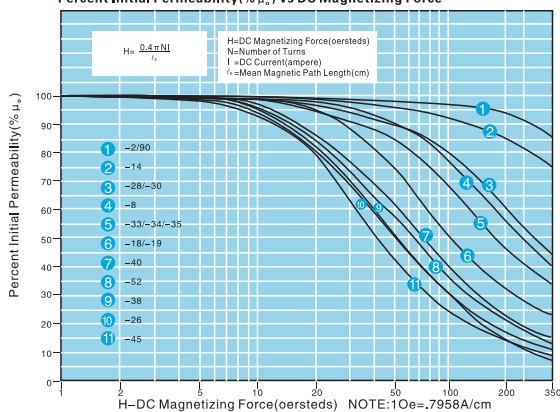
After Coating			$l_e$ (cm)	$A_e$ (cm <sup>2</sup> )	V (cm <sup>3</sup> )	W (cm <sup>2</sup> )	Weight	Box Quantity (Pieces)
OD mm	ID mm	Ht mm						
5.08 ± 0.50	2.24 ± 0.50	1.78 ± 0.50	1.150	0.023	0.026	0.0393	0.19g	48000

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

Test Item	Test Condition	Value(Typical)
Inductance	$\phi$ 0.29mm/10Ts, 10kHz/1V, $I_{DC}=0A$	1.85 $\mu$ H ± 10%
DC-Bias	$\phi$ 0.5mm/23Ts, 10kHz/1V, L(2.0A)/L(0A) × 100%( $H_{DC}=50Oe$ )	46%(Min.)
Core Loss	100kHz/140Gs	96mW/cm <sup>3</sup> (Max.)
Q	$\phi$ 0.29mm/10Ts, 200kHz/1V, $I_{DC}=0A$	6.0(Min.)
Remarks		

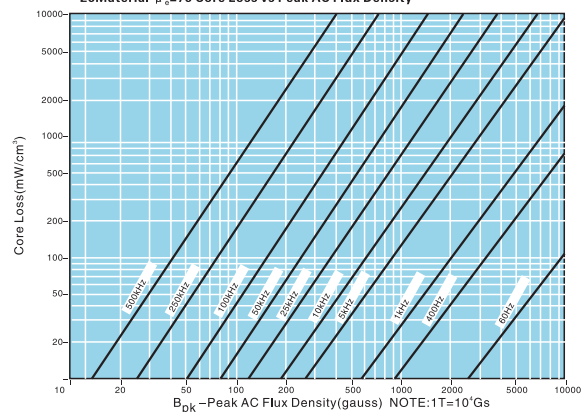
### DC-Bias Curves(Typical)

磁导率初值百分率与DC磁化力关系曲线  
Percent Initial Permeability(% $\mu_r$ ) vs DC Magnetizing Force



### Core Loss Curves(Typical)

-26材磁芯损耗与AC峰值磁通密度关系曲线  
-26Material  $\mu_r=75$  Core Loss vs Peak AC Flux Density



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