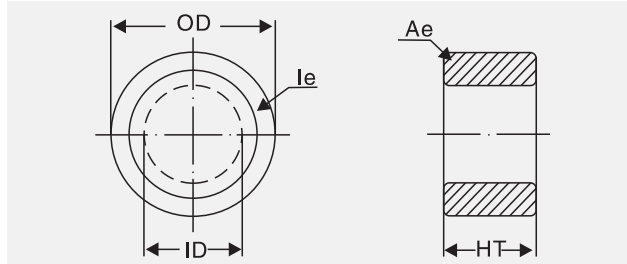


# SPECIFICATION RECORD REVISION

## 1. Material

Production:	Sendust Cores
KDM.P/N:	KS106-090A
$A_L$ :	$113(\text{nH/N}^2) \pm 8\%$
Material:	$90 \mu$
Coating Color:	Black
Coating material:	epoxy
Coating Breakdown Voltage:	1000Vrms.0.5mA. 2sec



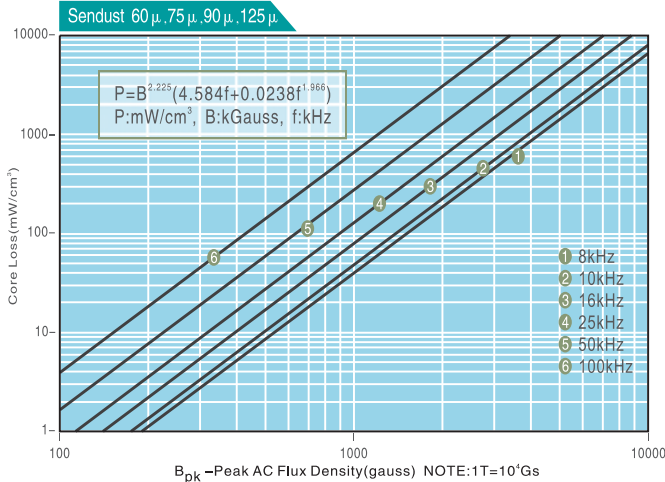
## 2. Physical Characteristics

Before Coating			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(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) mm	ID(Min) mm	Ht(Max) mm						
1.060 26.90	0.580 14.70	0.440 11.20	27.70	14.10	11.99	6.350	0.654	4.150	1.560	25.7g	504

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

Test Item	Test Condition	Value(Typical)
Inductance	$\phi$ 0.8mm/34Ts, 20kHz/1V, $I_{DC}=0A$	130.6 $\mu$ H ± 8%
DC-Bias	$\phi$ 0.8mm/34Ts, 20kHz/1V, $I_{DC}=7.5A$ ( $H_{DC}=50Oe$ )	67.3 $\mu$ H (Min.)
Core Loss	50kHz/1000Gs	350mW/cm <sup>3</sup> (Max.)
Remarks	Set the internal resistance of LCR meter to 100 $\Omega$ .	

### Core Loss Curves(Typical)



### DC-Bias Curves(Typical)

