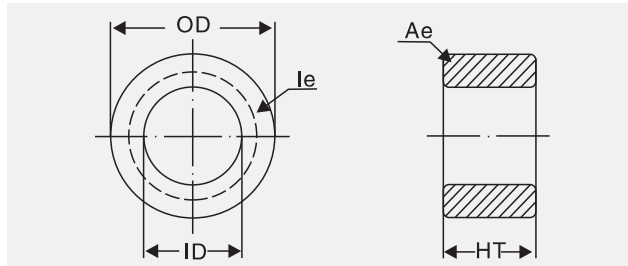


# SPECIFICATION FOR APPROVAL

## 1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT130-2/90
$A_L$ :	11 (nH/N <sup>2</sup> )(0~+15%)
Material:	-2/90
Coating Color:	Brown/Clear
Coating material:	epoxy
Coating Breakdown Voltage:	600Vrms.0.5mA. 2sec



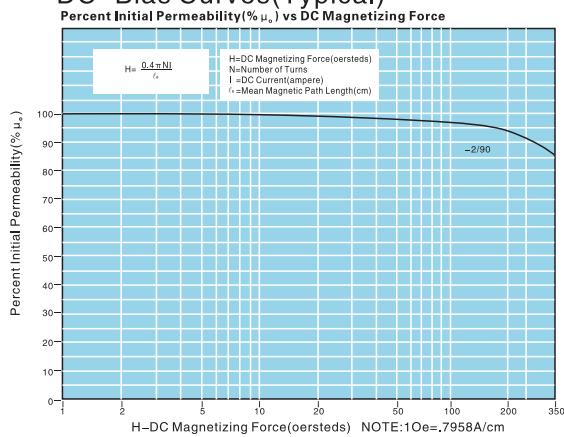
## 2. Physical Characteristics

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						
33.00 ± 0.60	19.80 ± 0.60	11.10 ± 0.65	8.280	0.698	5.780	3.077	30g	432

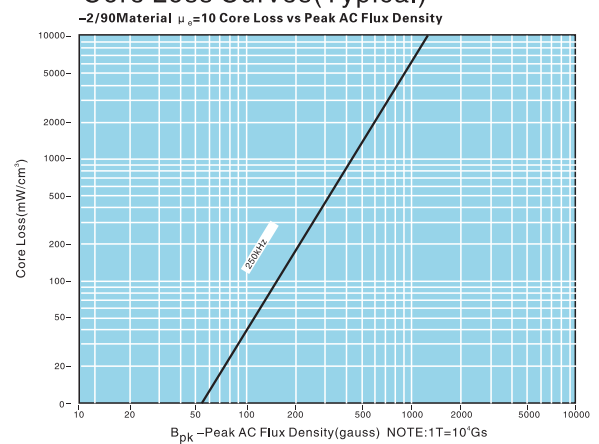
## 3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	φ 0.29mm/20Ts, 10kHz/1V, I <sub>DC</sub> =0A	4.40 μH(0~+15%)
DC-Bias	φ 0.5mm/55Ts, 10kHz/1V, L(6.0A)/L(0A) × 100%(H <sub>DC</sub> =50Oe)	90%(Min.)
Q	φ 0.29mm/20Ts, 200kHz/1V, I <sub>DC</sub> =0A	15(Min.)
Remarks		

### DC-Bias Curves(Typical)



### Core Loss Curves(Typical)



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