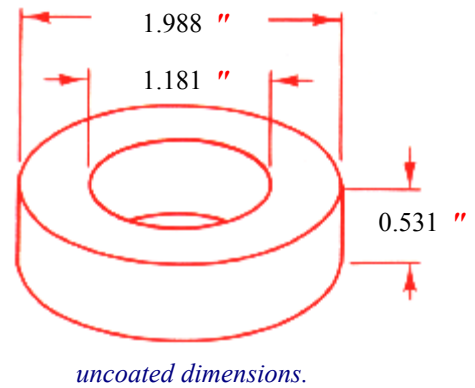


Core Data Sheet

Part Number: G1A-93

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating
OD (mm)	50.50	(max) 51.15
ID (mm)	30.00	(min) 29.35
HT (mm)	13.50	(max) 14.15



Physical Characteristics:

Winding area (cm ²)	6.83	Strength (N) typ.	941.1
Surface area (cm ²)	109.59	Weight (grams) typ.	126.00
Coating	Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	93		
Initial Permeability (μi)	60	tol +/-	5
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

Electrical Data:

AL norm (nH)	73.00
AL max. (nH)	78.84
AL min. (nH)	67.16
DC bias at 0.8μi (Oe) typ.	50
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	500
Total Losses (ohms/H/μi) typ. < 20gauss	1.5

Magnetic Dimensions:

C1 (mm-1)	0.9586
Le (mm)	120.9
Ae (mm ²)	126.1
Ve (mm ³)	15250.8

Special Comments

- 1.
- 2.
3. Four coatings per side, approx 0.5mm. Breakdown > 2KV

Note: the right to change specification data as required without notice is reserved.