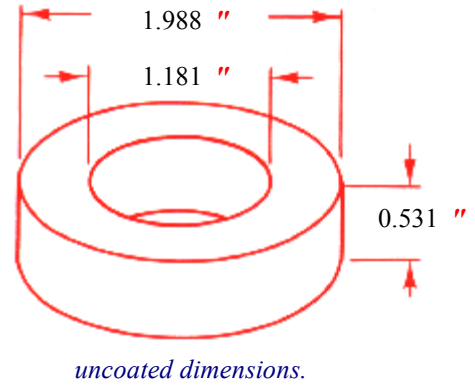


# Core Data Sheet

**Part Number: G1A - DF60**

**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 <sup>2</sup> )	6.83	Strength (N) typ.	941.1
Surface area (cm <sup>2</sup> )	109.59	Weight (grams) typ.	115.50
Coating	Epoxy, Light Green, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

**Material:**

Grade	DF60		
Initial Permeability (μi)	60	tol +/-	5
Description	DuraFlux - composite Silicon-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.	80
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	1000
Total Losses (ohms/H/μi) typ. < 20gauss	0.0

**Magnetic Dimensions:**

C1 (mm-1)	0.9586
Le (mm)	120.9
Ae (mm <sup>2</sup> )	126.1
Ve (mm <sup>3</sup> )	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.*