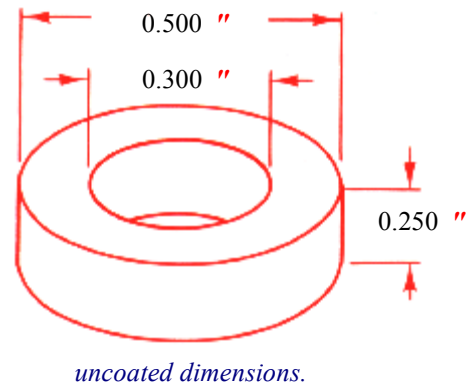


# Core Data Sheet

**Part Number: G60A - DF60**

**Core Dimensions:**

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	12.70	(max)	13.35
ID (mm)	7.62	(min)	6.97
HT (mm)	6.35	(max)	7.00



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	0.40	Strength (N) typ.	116.3
Surface area (cm <sup>2</sup> )	8.34	Weight (grams) typ.	3.40
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)	37.00		
AL max. (nH)	39.96		
AL min. (nH)	34.04		
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)	1.9949
Le (mm)	30.6
Ae (mm <sup>2</sup> )	15.3
Ve (mm <sup>3</sup> )	468.5

**Special Comments**

- 1.
- 2.
- 3.

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