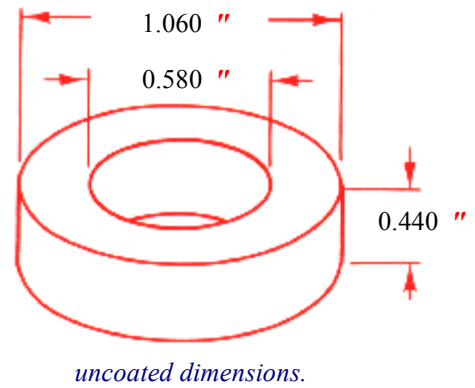


# Core Data Sheet

**Part Number: G57 - DF60**

**Core Dimensions:**

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 26.92	(max)	27.57
ID (mm) 14.73	(min)	14.08
HT (mm) 11.18	(max)	11.83



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	1.59	Strength (N) typ.	462.6
Surface area (cm <sup>2</sup> )	33.83	Weight (grams) typ.	29.43
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)	75.00		
AL max. (nH)	81.00		
AL min. (nH)	69.00		
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)	0.9904
Le (mm)	61.6
Ae (mm <sup>2</sup> )	62.2
Ve (mm <sup>3</sup> )	3833.8

**Special Comments**

- 1.
- 2.
- 3.

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