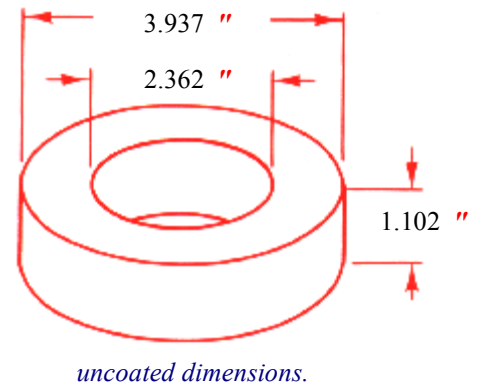


Core Data Sheet

Part Number: G37 - DF60

Core Dimensions:

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 100.00	(max)	100.65
ID (mm) 60.00	(min)	59.35
HT (mm) 28.00	(max)	28.65



Physical Characteristics:

Winding area (cm ²)	27.81	Strength (N) typ.	3911.9
Surface area (cm ²)	436.45	Weight (grams) typ.	929.03
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)	158.00		
AL max. (nH)	170.64		
AL min. (nH)	145.36		
DC bias at 0.8μi (Oe) typ.	80		
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss		1000	
Total Losses (ohms/H/μi) typ. < 20gauss		0.0	

Magnetic Dimensions:

C1 (mm-1)	0.4618
Le (mm)	240.7
Ae (mm ²)	521.2
Ve (mm ³)	125470.7

Special Comments

- 1.
2. Maximum Power loss < 2000 mW/cm³
3. Four coatings per side, approx 0.5mm. Breakdown > 2KV

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