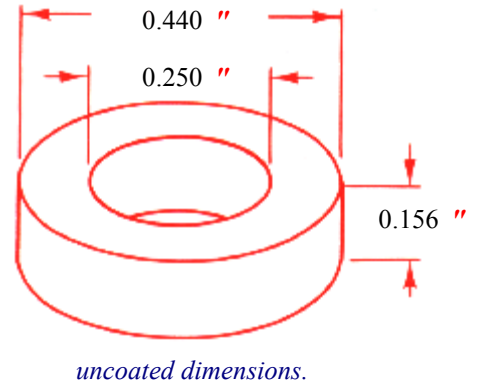


Core Data Sheet

Part Number: G65- 83

Core Dimensions:

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 11.18	(max)	11.83
ID (mm) 6.35	(min)	5.70
HT (mm) 3.96	(max)	4.61



Physical Characteristics:

Winding area (cm ²)	0.27	Strength (N) typ.	68.6
Surface area (cm ²)	5.65	Weight (grams) typ.	1.79
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	83		
Initial Permeability (μi)	60	tol +/-	5
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		

Electrical Data:

AL norm (nH)	26.00
AL max. (nH)	28.08
AL min. (nH)	23.92
DC bias at 0.8μi (Oe) typ.	78
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	645
Total Losses (ohms/H/μi) typ. < 20gauss	0.0

Magnetic Dimensions:

C1 (mm-1)	2.9555
Le (mm)	26.1
Ae (mm ²)	8.8
Ve (mm ³)	230.8

Special Comments

- 1.
2. AL band is +/- 12% for DuraFlux
- 3.

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