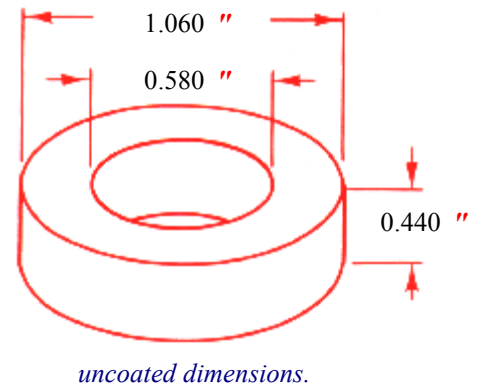


Core Data Sheet

Part Number: G57 - 83

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 ²)	1.59	Strength (N) typ.	462.6
Surface area (cm ²)	33.83	Weight (grams) typ.	30.32
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)	75.00
AL max. (nH)	81.00
AL min. (nH)	69.00
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)	0.9904
Le (mm)	61.6
Ae (mm ²)	62.2
Ve (mm ³)	3833.8

Special Comments

- 1.
- 2.
- 3.

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