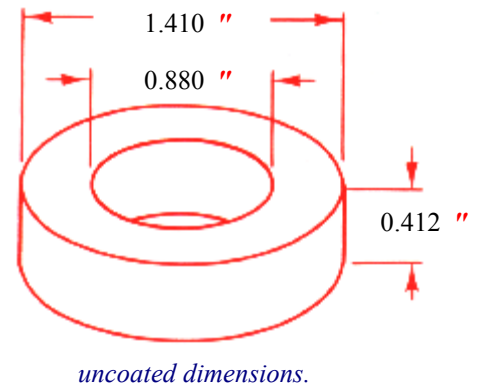


Core Data Sheet

Part Number: G49 - 85

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	35.81	(max)	36.46
ID (mm)	22.35	(min)	21.70
HT (mm)	10.46	(max)	11.11



Physical Characteristics:

Winding area (cm ²)	3.75	Strength (N) typ.	484.3
Surface area (cm ²)	57.64	Weight (grams) typ.	47.60
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	85		
Initial Permeability (μi)	125	tol +/-	10
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		

Electrical Data:

AL norm (nH)	117.00	
AL max. (nH)	126.36	
AL min. (nH)	107.64	
DC bias at 0.8μi (Oe) typ.	35	
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600	
Total Losses (ohms/H/μi) typ. < 20gauss	0.0	

Magnetic Dimensions:

C1 (mm-1)	1.3527
Le (mm)	88.1
Ae (mm ²)	65.1
Ve (mm ³)	5732.7

Special Comments

- 1.
- 2.
- 3.

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