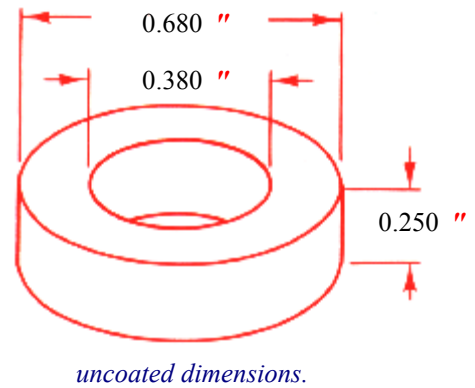


Core Data Sheet

Part Number: G23 - 85

Core Dimensions:

Uncoated (tol. +/-0.25)	After coating	
OD (mm)	17.27	(max) 17.92
ID (mm)	9.65	(min) 9.00
HT (mm)	6.35	(max) 7.00



Physical Characteristics:

Winding area (cm ²)	0.66	Strength (N) typ.	173.3
Surface area (cm ²)	13.53	Weight (grams) typ.	7.57
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)	89.00
AL max. (nH)	96.12
AL min. (nH)	81.88
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)	1.7884
Le (mm)	40.0
Ae (mm ²)	22.4
Ve (mm ³)	894.2

Special Comments

- 1.
- 2.
- 3.

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