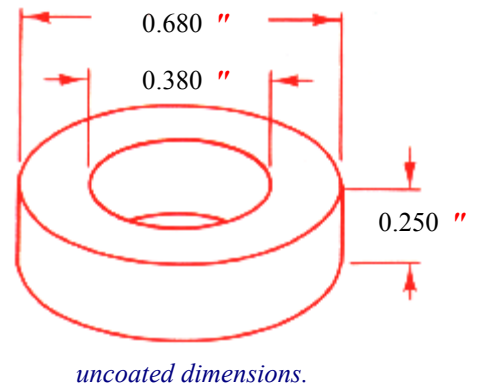


Core Data Sheet

Part Number: G23-86

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.	7.67
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	86		
Initial Permeability (μi)	147	tol +/-	12
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		

Electrical Data:

AL norm (nH)	105.00
AL max. (nH)	113.40
AL min. (nH)	96.60
DC bias at 0.8μi (Oe) typ.	24
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.