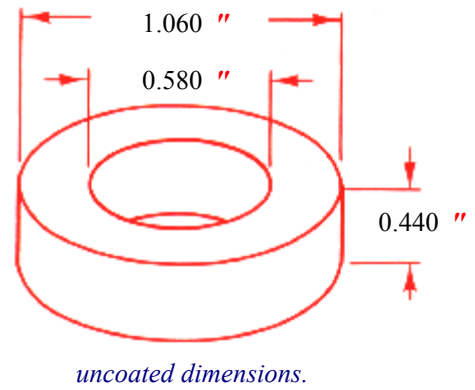


Core Data Sheet

Part Number: G57-85

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.	32.99
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)	157.00	
AL max. (nH)	169.56	
AL min. (nH)	144.44	
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)	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.