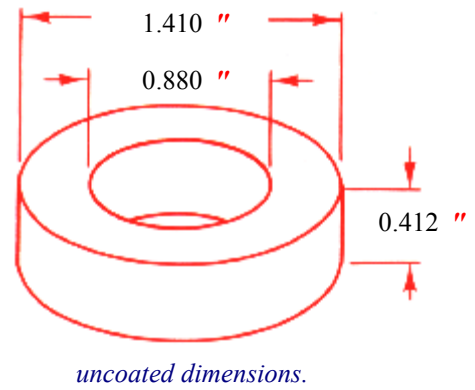


Core Data Sheet

Part Number: G49-96

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.	50.81
Coating	Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	96		
Initial Permeability (μi)	147	tol +/-	12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

Electrical Data:

AL norm (nH)	138.00		
AL max. (nH)	149.04		
AL min. (nH)	126.96		
DC bias at 0.8μi (Oe) typ.	22		
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	400		
Total Losses (ohms/H/μi) typ. < 20gauss	0.2		

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.

