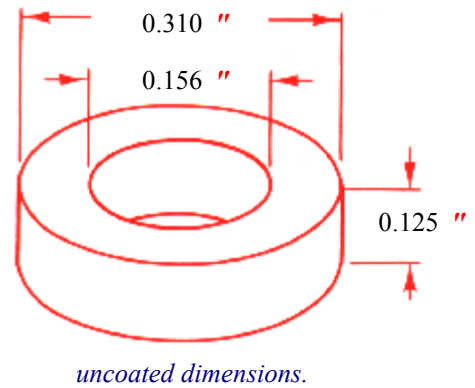


Core Data Sheet

Part Number: G63-93

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating
OD (mm)	7.87	(max) 8.52
ID (mm)	3.96	(min) 3.31
HT (mm)	3.18	(max) 3.83



Physical Characteristics:

Winding area (cm ²)	0.09	Strength (N) typ.	44.0
Surface area (cm ²)	2.77	Weight (grams) typ.	0.83
Coating	Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	93		
Initial Permeability (μi)	60	tol +/-	5
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

Electrical Data:

AL norm (nH)	25.00	
AL max. (nH)	27.00	
AL min. (nH)	23.00	
DC bias at 0.8μi (Oe) typ.	50	
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	500	
Total Losses (ohms/H/μi) typ. < 20gauss	1.5	

Magnetic Dimensions:

C1 (mm-1)	2.9999
Le (mm)	17.2
Ae (mm ²)	5.7
Ve (mm ³)	98.6

Special Comments

- 1.
2. AL band is +/- 12% for DuraFlux
- 3.

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