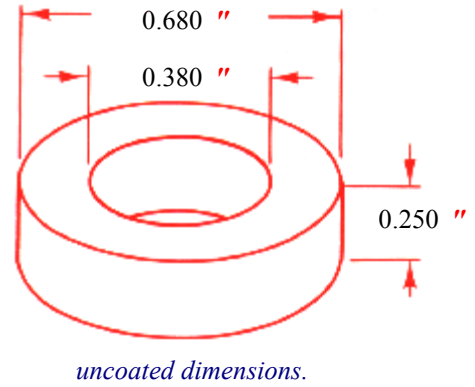


Core Data Sheet

Part Number: G23-93

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.	7.37
Coating	Epoxy, 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:		Magnetic Dimensions:	
AL norm (nH)	43.00	C1 (mm-1)	1.7884
AL max. (nH)	46.44	Le (mm)	40.0
AL min. (nH)	39.56	Ae (mm ²)	22.4
DC bias at 0.8μi (Oe) typ.	50	Ve (mm ³)	894.2
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	500		
Total Losses (ohms/H/μi) typ. < 20gauss	1.5		
Special Comments			
1.			
2.			
3.			

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

