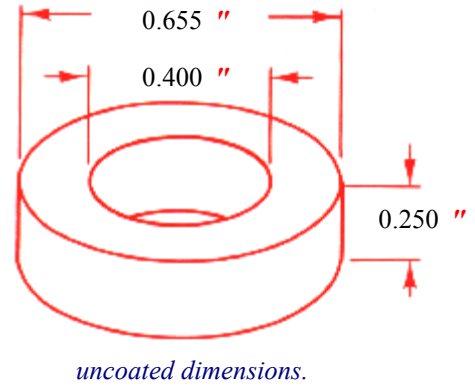


Core Data Sheet

Part Number: G62-96

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	16.64	(max)	17.29
ID (mm)	10.16	(min)	9.51
HT (mm)	6.35	(max)	7.00



Physical Characteristics:			
Winding area (cm ²)	0.73	Strength (N) typ.	148.5
Surface area (cm ²)	13.22	Weight (grams) typ.	6.84
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:		Magnetic Dimensions:	
AL norm (nH)	88.00	C1 (mm-1)	2.0791
AL max. (nH)	95.04	Le (mm)	40.4
AL min. (nH)	80.96	Ae (mm ²)	19.4
DC bias at 0.8μi (Oe) typ.	22	Ve (mm ³)	786.5
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	400		
Total Losses (ohms/H/μi) typ. < 20gauss	0.2		
Special Comments			
1.			
2.			
3.			

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

