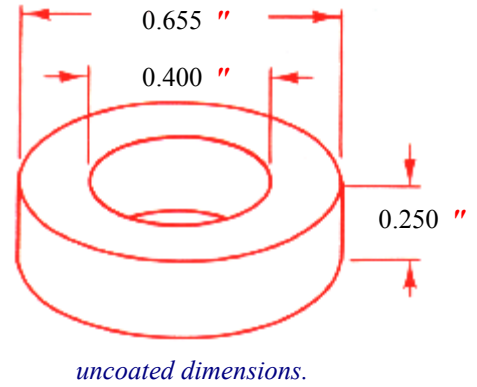


# Core Data Sheet

**Part Number: G62 - 93**

**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



<b>Physical Characteristics:</b>			
Winding area (cm <sup>2</sup> )	0.73	Strength (N) typ.	148.5
Surface area (cm <sup>2</sup> )	13.22	Weight (grams) typ.	6.24
Coating	Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		
<b>Material:</b>			
Grade	93		
Initial Permeability (μi)	60	tol +/-	5
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		
<b>Electrical Data:</b>		<b>Magnetic Dimensions:</b>	
AL norm (nH)	35.00	C1 (mm-1)	2.0791
AL max. (nH)	37.80	Le (mm)	40.4
AL min. (nH)	32.20	Ae (mm <sup>2</sup> )	19.4
DC bias at 0.8μi (Oe) typ.	50	Ve (mm <sup>3</sup> )	786.5
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	500		
Total Losses (ohms/H/μi) typ. < 20gauss	1.5		
<b>Special Comments</b>			
1.			
2.			
3.			

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

