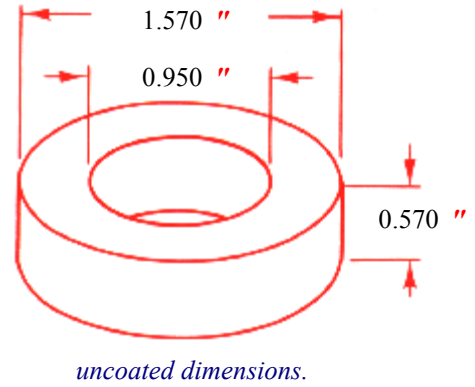


Core Data Sheet

Part Number: G48-98

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating
OD (mm)	39.88	(max) 40.53
ID (mm)	24.13	(min) 23.48
HT (mm)	14.48	(max) 15.13



Physical Characteristics:			
Winding area (cm ²)	4.39	Strength (N) typ.	784.0
Surface area (cm ²)	74.54	Weight (grams) typ.	92.88
Coating	Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		
Material:			
Grade	98		
Initial Permeability (μi)	173	tol +/-	12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		
Electrical Data:	Magnetic Dimensions:		
AL norm (nH)	233.00	C1 (mm-1)	0.9057
AL max. (nH)	251.64	Le (mm)	96.4
AL min. (nH)	214.36	Ae (mm ²)	106.5
DC bias at 0.8μi (Oe) typ.	18	Ve (mm ³)	10268.9
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	400		
Total Losses (ohms/H/μi) typ. < 20gauss	0.2		
Special Comments			
<ol style="list-style-type: none"> 1. 2. 3. 			

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