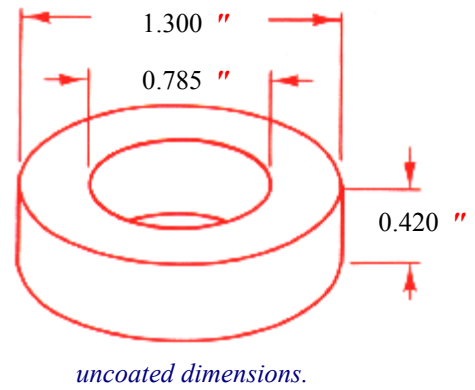


Core Data Sheet

Part Number: G56A-93

Core Dimensions:

| | | | |
|-------------------------|-------|---------------|-------|
| Uncoated (tol. +/-0.25) | | After coating | |
| OD (mm) | 33.02 | (max) | 33.67 |
| ID (mm) | 19.94 | (min) | 19.29 |
| HT (mm) | 10.67 | (max) | 11.32 |



| | | | |
|--|--|-----------------------------|--------|
| Physical Characteristics: | | | |
| Winding area (cm ²) | 2.97 | Strength (N) typ. | 472.0 |
| Surface area (cm ²) | 49.46 | Weight (grams) typ. | 41.80 |
| 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) | 61.00 | C1 (mm-1) | 1.2335 |
| AL max. (nH) | 65.88 | Le (mm) | 79.8 |
| AL min. (nH) | 56.12 | Ae (mm ²) | 64.7 |
| DC bias at 0.8μi (Oe) typ. | 50 | Ve (mm ³) | 5157.8 |
| 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.

