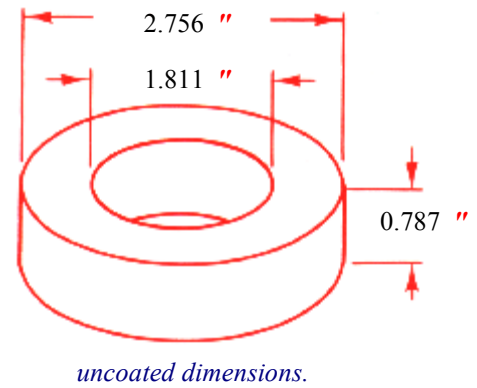


Core Data Sheet

Part Number: G6- DF60

Core Dimensions:

| Uncoated (tol. +/-0.25) | After coating | |
|-------------------------|---------------|-------|
| OD (mm) 70.00 | (max) | 70.65 |
| ID (mm) 46.00 | (min) | 45.35 |
| HT (mm) 20.00 | (max) | 20.65 |



Physical Characteristics:

| | | | |
|---------------------------------|---|---------------------|--------|
| Winding area (cm ²) | 16.26 | Strength (N) typ. | 1586.6 |
| Surface area (cm ²) | 224.92 | Weight (grams) typ. | 288.66 |
| Coating | Epoxy, Light Green, 0.2 mm approx. per surface. Voltage breakdown 500Vac. | | |
| Packing | Not available. | | |

Material:

| | | | |
|---------------------------|---|---------|---|
| Grade | DF60 | | |
| Initial Permeability (μi) | 60 | tol +/- | 5 |
| Description | DuraFlux - composite Silicon-iron alloy powder. | | |

Electrical Data:

| | | | |
|--|--------|------|--|
| AL norm (nH) | 95.00 | | |
| AL max. (nH) | 102.60 | | |
| AL min. (nH) | 87.40 | | |
| DC bias at 0.8μi (Oe) typ. | 80 | | |
| Power Losses (mW/cm ³) typ. 50kHz, 1000gauss | | 1000 | |
| Total Losses (ohms/H/μi) typ. < 20gauss | | 0.0 | |

Magnetic Dimensions:

| | |
|-----------------------|---------|
| C1 (mm-1) | 0.7893 |
| Le (mm) | 177.0 |
| Ae (mm ²) | 224.2 |
| Ve (mm ³) | 39674.9 |

Special Comments

- 1.
- 2.
3. Four coatings per side, approx 0.5mm. Breakdown > 2KV

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