

Bobbins (9677352509)



Part Number: 9677352509

77 BOBBIN 3PC. ASSEMBLY

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade
- - Last digit 8 = Coated Bobbin

Bobbins are an economical and well- proven core design for many applications where relatively low but stable inductance values are required.

For higher frequency designs, use small bobbins in 43 material.

□
For power applications, bobbins in 77 material are specified for A_L and dc bias limits.

Bobbins in Figures 2-5 can be supplied with a uniform thermo- set plastic coating which can withstand a minimum breakdown of 500Vrms. This coating will change the dimensions a maximum of 0.5 mm (0.020"). The last digit of the thermo- set plastic coated part is an "8".

□ **For any bobbin requirement not listed in the catalog, please contact our customer service group for availability and pricing.**

Weight: 56 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|-----|--------|--------------|------------|
| A | 35 | ±0.90 | 1.381 | — |
| B | 25 | ±0.70 | 0.985 | — |
| D | 18 | ±0.45 | 0.708 | — |
| F | 21 | ±0.50 | 0.825 | — |
| G | 3 | ±0.30 | 0.118 | — |
| H | 6.9 | ±0.40 | 0.272 | — |

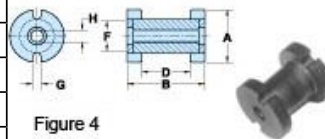



Figure 4

Chart Legend

A_L : Inductance Factor  NI : Value of dc Ampere- turns, A_w : Winding Area,
N/ AWG : Number of Turns/ Wire Size for Test Coil

| Electrical Properties | |
|--------------------------|-----------|
| A_L (nH) | 124 ±10% |
| A_L min. @ NI (At) | 106 - 580 |
| N/ AWG | 55/16 |
| A_w (cm ²) | 1.27 |

Bobbins are tested for A_L value at 1kHz < 10 gauss.