

Bobbins (9677282509)



Part Number: 9677282509

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: 38 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	28	±0.70	1.102	—
B	25	±0.70	0.985	—
D	18	±0.45	0.708	—
F	17	±0.40	0.67	—
G	3	±0.30	0.118	—
H	4.2	±0.15	0.165	—

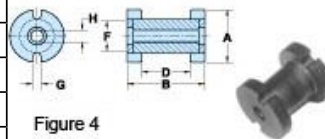


Figure 4

Chart Legend

A_L : Inductance Factor $\left(\frac{\mu}{4\pi}\right)$, 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)	95 ±10%
A_L min. @ NI (At)	81 - 520
N/ AWG	55/18
A_w (cm ²)	0.99

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