

Bobbins (9677182208)

Part Number: 9677182208

77 BOBBIN 3PC. ASSEMBLY COATED

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: 14 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	18.95	Max	0.746	Max
B	23.2	Max	0.913	Max
D	13.65	Min	0.538	Min
F	11.8	Max	0.464	Max
G	1.7	Min	0.067	Min
H	2.6	Min	0.103	

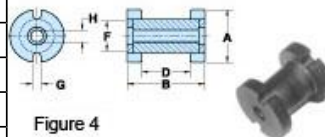


Figure 4

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)	65 ±10%
A_L min. @ NI (At)	55 - 410
N/ AWG	95/22
A_w (cm ²)	0.42 Min

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