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Design Parameters for Toroidal and Bobbin Magnetics

Since the adoption of the metric system by NASA, a number of NASA suppliers have converted their products to conform to the metric system.

To facilitate the conversion of transformer parameters, a handbook has been published entitled "Design Parameters for Toroidal and Bobbin Magnetics" (JPL Technical Memorandum 33-651).

The handbook presents conversion data to make it possible for transformer designers to obtain a fast and close approximation of significant parameters, such as size, weight, and temperature rise. Forty nomographs and 42 tables are included to provide close approximations for breadboarding purposes. For greater convenience, the derivations of some transformer and inductor parameters are presented also.

Note:

Requests for further information may be directed to:
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