

Literature and reference materials

PHILIPS COMPONENTS APPLICATION LITERATURE

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IEC STANDARDS ON SOFT FERRITES

133 (1985)	Dimensions for pot cores made of magnetic oxides and associated parts
205 (1966)	Calculation of the effective parameters of magnetic piece parts
205A (1968)	First supplement
205B (1974)	Second supplement
226 (1967)	Dimensions of cross cores (X cores) made of ferromagnetic oxides and associated parts
367	Cores for inductors and transformers for telecommunications
367-1 (1982)	Part 1: Measuring methods
367-2 (1974)	Part 2: Guides for the drafting of performance specifications
367-2A (1976)	First supplement
424 (1973)	Guide to the specification of limits for physical imperfections of parts made from magnetic oxides
431 (1983)	Dimensions of square cores (RM cores) made of magnetic oxides and associated parts
525 (1976)	Dimensions of toroids made of magnetic oxides or iron powder
647 (1979)	Dimensions for magnetic oxide cores intended for use in power supplies (EC cores)
1185 (1992)	Magnetic oxide cores (ETD cores) intended for use in power supply applications - Dimensions
1246 (1994)	Magnetic oxide cores (E cores) of rectangular cross-section and associated parts - Dimensions

Literature and reference materials

REFERENCE BOOKS ON MAGNETIC COMPONENT DESIGN

1. Soft Ferrites, Properties and Applications 2nd Edition, E.C. Snelling, Butterworths Publishing, 80 Montvale Ave., Stoneham, MA 02180 Tel: (617) 928-2500
2. Ferrites for Inductors and Transformers C. Snelling & A. Giles, Research Studies Press, distributed by J. Wiley & Sons, 605 Third Ave., New York, NY 10016
3. Transformer and Inductor Design Handbook C. McLyman, Marcel Dekker, 207 Madison Ave., New York, NY10016
4. Magnetic Core Selection for Transformers and Inductors C. McLyman, Marcel Dekker, 207 Madison Ave., New York, Ny10016
5. Handbook of Transformer Applications W. Flanigan, McGraw Hill Publishing Co., 1221 Ave. of Americas, New York, NY 10020
6. Transformers for Electronic Circuits N. Grossner, McGraw Hill Publishing Co., 1221 Ave. of Americas, New York NY 10020
7. Magnetic Components-Design and Applications S. Smith Van Nostrand Reinhold Co., 135 West 50th St., New York, NY 10020
8. Design Shortcuts and Procedures for Electronic Power Transformers and Inductors Ordean Kiltie, O. Kiltie & Co. 2445 Fairfield, Ft. Wayne, IN 46807
9. Switching and Linear Power Supply, Power Converter Design A. Pressman, Hayden Book Co. Inc., 50 Essex St., Rochelle Park., NY 07662
10. High Frequency Switching Power Supplies G. Chryssis, McGraw Hill Publishing Co, 1221 Ave. of Americas, NY
11. Design of Solid State Power Supplies 3rd Edition, E. Hnatek, Van Nostrand Reinhold Co., New York, NW 10020
12. Power Devices and Their Applications Edited by: Dr. F. Lee & Dr. D. Chen, VPEC, Vol. III, 1990. Tel: (703) 231-4536
13. Application of Magnetism J.K. Watson, John Wiley & Sons, Inc. 605 Third Ave., New York, NY 10016
14. Applied Electromagnetics M.A. Plonus, McGraw Hill Publishing Co., 1221 Ave. of Americas, New York, NY 10020
15. Transmission Line Transformers J. Sevick, American Radio Relay League, 225 Main Street, Newington, CT 06111