

# DATA SHEET

Literature and reference materials

File under Magnetic Products, MA01

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## Literature and reference materials

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### PHILIPS COMPONENTS APPLICATION LITERATURE

9398 082 97011	Loss formulas for power ferrites and their use in transformer design
9398 074 80011	Application note on the design of low profile high frequency transformers
9398 083 36011	The use of soft ferrites for interference suppression
9398 235 21011	EFD for low-profile DC-DC converters
9398 080 00011	3F4 ferrite for MHz power conversion
9398 237 50011	SMD coil formers and cores
9398 235 68011	SMD beads and chokes
9398 083 34011	3S4 a new soft ferrite for EMI-suppression
9398 387 00011	Wideband chokes
9398 075 00011	3R1 ferrite ring cores in magnetic amplifiers
9398 236 01011	3C90 and 3C30, new low-loss power ferrites
9398 236 26011	25 W DC/DC converter using integrated planar magnetics
9398 083 39011	Design of planar power transformers
9398 235 55011	Ferrite rod antennas for RF identification
9398 083 20011	Gluing of ferrite cores
9398 237 28011	Cable shielding
9398 083 40011	Planar E cores

### 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

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### 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. Chrysiss, 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, NY 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

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