

ADSL/VDSL Low Pass Filter LCR Modules:**VACUUMSCHMELZE introduces new size optimized LCR Modules for ADSL and VDSL**

Press Contact:

Nr.: 17/06

Hanau, 27th October 2006

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Hanau / Frankfurt – VACUUMSCHMELZE GmbH & Co. KG (Hanau) presents their latest series of low pass filter LCR Modules for ADSL and VDSL2 over POTS or ISDN. With new filter designs, it was possible to place all the xDSL filter chokes and capacitors in one size optimized casing to fulfil all the requirements for ADSL and the new VDSL standard. All filters are designed according to the current standards of ANSI, ETSI and ITU and various country requirements.

VAC product series of xDSL LCR Modules with its very compact casing have a uniform pinning for various filter applications for ADSL, ADSL2+ and VDSL2. All LCR Modules are fully RoHS compliant. They fulfil the market demands and the customer needs for high performance, compact design and easy layout. All Modules have excellent filter characteristics in insertion loss, return loss and stop band attenuation.

With one standardized pinning it is possible to place xDSL filters like the ITU-T G992.1 Annex A (POTS +E1) 600 Ohm and ETSI ATA TS 101 952 -1-1 option (A) and ETSI ATA TS 101 952 -1-1 option (B) on one PCB layout.

Furthermore a new combi LCR Module fulfils different standards like ITU-T G.992.1 Annex B (ISDN) + E3 ETSI TS 101 952-1-3 2B1Q and 4B3 and ETSI TS 101 952-1-4 (220Ohm+ (820 Ohm//150nF)) and (270Ohm+ (750 Ohm//150nF)) and 600 Ohm in one design.

Further information on the new product range is available in the product information sheet **PI-XDSL_11 08/06** enclosed, or at www.vacuumschmelze.com.

VACUUMSCHMELZE GmbH & Co. KG

VACUUMSCHMELZE (VAC), based in Hanau, designs, produces and markets advanced magnetic materials and related products. In 1914, the first vacuum furnace laid the foundation for today's VACUUMSCHMELZE. Industrial vacuum melting techniques for alloys have been in operation since 1923. VAC today has over 3,000 employees in over 40 countries and annual sales of around 300 million euros, and is the holder of over 600 patents. The company is among the world's most highly innovative developers of advanced industrial materials.

VAC's range of products comprises a broad array of advanced semi-finished products, components, parts, modules and systems for use in a wide variety of fields and industries spanning watch-making and medical technology, regenerative energies, shipbuilding and telecommunications, and the automotive and aviation industries. VAC's custom solutions are developed in close collaboration with the customer, reflecting the company's expertise in materials and state-of-the-art production technology.

Find out more at www.vacuumschmelze.com