

## Press Release

015e

24 September 2004

### Smallest single phase rectifier bridge, now lead free

*0.5 A nominal current and input voltage range up to 250 V RMS*

The MYS series of Diotec, claimed to be the smallest rectifier bridge, is now available in a lead free version according to EU directives RoHS, WEEE and ELV. Measuring only 3 x 3 mm<sup>2</sup> (0.12 x 0.12 in<sup>2</sup>) it features an average rectified forward current of 0.5 A and a repetitive peak forward current of 6 A. The input voltage range is from 40 to 250 V RMS, on request also 380 V RMS.



*High resolution picture on request, see below*

The surface mount package helps to minimize space and weight of circuits designed for portable applications like mobile chargers. They are also suited for off line power supplies, protection circuits for data lines etc.

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**Diotec Semiconductor AG** located in Germany produces and sells semiconductors such as diodes, rectifiers, diacs and transistors and has more than 30 years of experience. **Further information** is available from Udo Steinebrunner, Tel.: +49-7634-5266-83, Fax: +49-7634-5266-61, Email: [u.steinebrunner@diotec.com](mailto:u.steinebrunner@diotec.com) or on our website <http://www.diotec.com/>.