

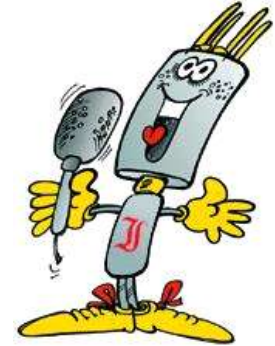
Press Release

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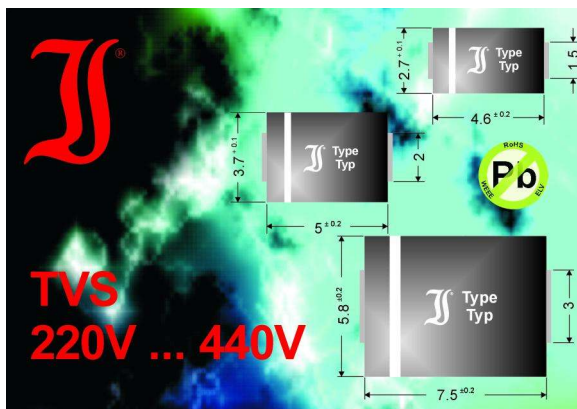
Replace two by one

SMD Suppressor Diodes with
Breakdown up to 520 Volts

Possible up to now only in axial leaded packages, now available from Diotec in SMD outlines: Transient Voltage Suppressors (TVS) having breakdown voltages of above 200 Volts and going up to 520 Volts. Where formerly two SMD devices had to be placed in series, to achieve a breakdown of above 200 Volts, now only one of these new parts is sufficient. Especially for protective circuits at 230 VAC mains, there is an advantage in reduced required space as well as in simplified assembly of the board.



Stand 12-128



High resolution picture for download at www.diotec.com, "Service"

The type in SMA package is named P4SMA and is based on axial diode P4KE, having 400 Watts peak pulse power like this. The SMB version is called P6SMB and corresponds to the P6KE having 600 Watts. The most powerful type finally is the 1.5SMC within SMC package, having 1,500 Watts as the according axial type 1.5KE. All parts comply with the EU RoHS directive.

Diotec Semiconductor AG, located in Heitersheim/Germany, produces and sells semiconductors such as diodes, rectifiers, diacs and transistors, and has more than 30 years of experience.

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