



ELECTRONICS INDUSTRY PUBLIC COMPANY LIMITED



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EIC launches unique SMD rectifier solution for VDE0110 applications.

EIC has developed the GR15-G, a fast recovery rectifier that is designed for use in high voltage applications and offered in the surface mount DO-215 package.

The specification and structure of the product make it an ideal solution for UPS (Uninterruptible Power Supply) and Frequency Converters. In such applications designers are traditionally using components in axial packages in order to comply with the DIN VDE0110 (IEC60664) standard which requires a creepage distance of 4.5 mm min between the two conducting leads. EIC is responding to the ever increasing need of using surface mounted components by supplying the GR15-G in DO-215AC surface mount package. This package is designed with a lead clearance > 6.0 mm offering full compliance to the VDE standard.

The GR15-G has a Peak Reverse Voltage of 1500V with a Fast Recovery Time of 300ns operating at 0.5A. It is manufactured on a glass passivated chip providing high reliability and efficiency and is RoHS compliant. Samples are available now, with full production in 2007.

EIC offers of the industry's widest selections of diodes, with the GR15-G adding to its portfolio of 600 Fast and Super Fast Rectifiers. The company has second sources to industry standard components, but is always looking for opportunities to develop new and unique solutions for customers and applications.



EIC is a major international manufacturer and supplier of discrete semiconductors. With over 10,000 parts and more than 40 package types, EIC offers one of the most comprehensive diode portfolios in the industry. EIC provides its customers with world-class service and technical support, as well as high quality products at competitive prices. EIC has headquarters in Bangkok, Thailand, and is listed on the Thai stock exchange. More information can be found at www.eicsemi.com.
