

Press Release

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1.0 Ampere Diodes in MiniMELF!

Up to now only in MELF or SOD-87 available, now within half the size MiniMELF!

Diotec extends its product range towards a 1.0 A –version of rectifiers in MiniMELF (SOD-80/DO-213AA), named GL1-, RGL1- and EGL1-series.

This is possible due to the UL94V-0 classified plastic case used by Diotec with chips soldered to the plugs. Compared to usual glass cases with pressure contacts the thermal resistance from junction to ambient is much smaller, leading to higher power dissipation.



Available as standard-, fast- und ultrafast-diodes they ideally complete the well known 500 mA types (GL34, RGL34, EGL34). Additionally they represent an interesting alternative to pin compatible, but larger devices in SOD-87: rated to ambient temperature these glass diodes often have even a smaller nominal current than the here introduced MiniMELF parts at lower cost! Therefore not only pin-, but also power compatibility is ensured.

**Half the size, yet same current:
GL1, RGL1 and EGL1 in MiniMELF**

