The SDD63HK fast recovery diode is designed for use in complex snubber circuits commonly used for gate turn-off thyristors, GTO's, for which the low forward recovery voltage developed by the diode at extremely high di/dt is important in order to achieve full turn-off capability. It is manufactured by the proven multi-diffusion process and is supplied in a disc-type package, ready to mount using commercially available heat dissipators and clamping hardware.