

PRODUCT FEATURES

- ¶ Ultrafast Reverse Recovery Time
- ¶ Soft Reverse Recovery Characteristics
- ¶ Low Reverse Recovery Loss
- ¶ Low Forward Voltage
- ¶ High Surge Current Capability
- ¶ Low Leakage Current

APPLICATIONS

- ¶ Inversion Welder
- ¶ Uninterruptible Power Supply
- ¶ Plating Power Supply
- ¶ Ultrasonic Cleaner and Welder
- ¶ Converter & Chopper
- ¶ PFC

ABSOLUTE MAXIMUM RATINGS($T_C = 25^\circ\text{C}$ unless otherwise specified)

Symbol	Parameter/Test Conditions	Values	Unit
V_R			W
			V
			Nm
			Nm
			/W
			g

I_F (A)

$Z_{th,c}$ (K/W)

T_c ()

Figure 5. Forward current vs Case temperature

Rectangular Pulse Duration(S)

Figure 6. Transient Thermal Impedance