

Maximum Ratings

Symbol	Conditions	Values	Units
V_R		1200	V
V_{RRM}		1200	V
$I_{F(AV)}$	$T_C=110^{\circ}\text{C}$	200	A
$I_{F(RMS)}$	$T_C=110^{\circ}\text{C}$	280	A
I_{FSM}	1/2 Cycle , 50Hz, Sine	1800	A
I^2t	$T_J=45^{\circ}\text{C}$, $t=10\text{ms}$, 50Hz, Sine	16200	A^2s
P_D		568	W
Visol	AC, $T_{on}=1\text{min}$	3000	V
T_J		-40 to +150	$^{\circ}\text{C}$
T_{STG}		-40 to +125	$^{\circ}\text{C}$

Torque

Electrical Characteristics

Symbol	Conditions	Values
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Performance Curves

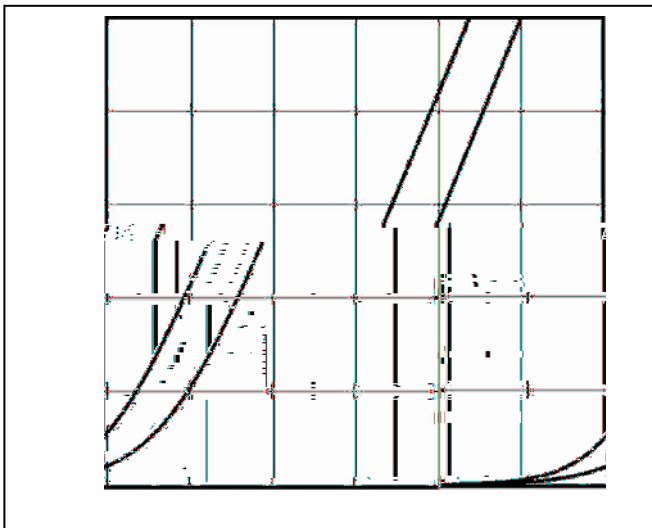


Fig1. Forward Voltage Drop vs Forward Current

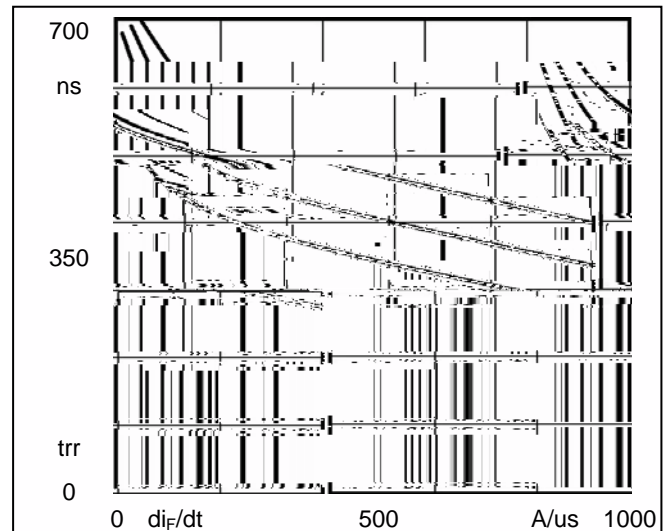


Fig2. Reverse Recovery Time vs di_F/dt



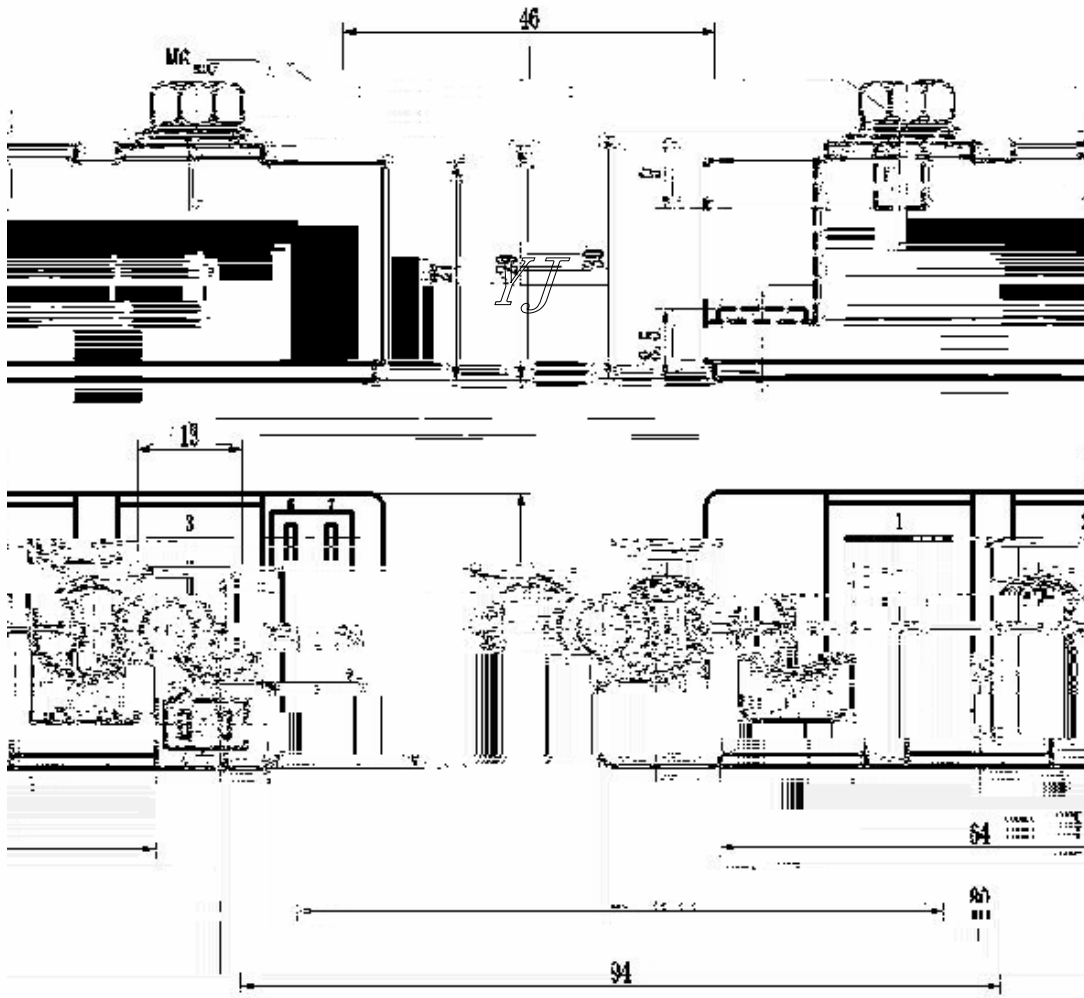
Fig3. Reverse Recovery Current vs di_F/dt



Fig4. Reverse Recovery Charge vs di_F/dt

Package Outline Information

CASE: F2



Dimensions in mm