



Maximum Ratings

Symbol	Conditions	Values	Units
V_R		200	V
$I_{F(AV)}$	$T_C=125^{\circ}\text{C}$, Per Moudle	300	A
I_{FSM}	1/2 Cycle , 60Hz, Sine	4750	A
I^2t	$T_J=45^{\circ}\text{C}$, $t=8.3\text{ms}$, 60Hz, Sine	112800	A^2s
T_J		-40 to +175	$^{\circ}\text{C}$
T_{STG}		-40 to +175	$^{\circ}\text{C}$
Torque	Recommended M6	4.5	N·m
Torque	Recommended M6	4.5	



Performance Curves

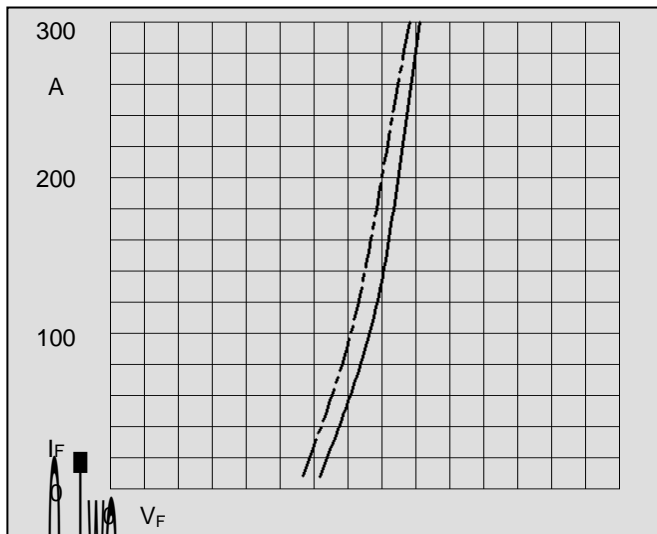


Fig1. Forward Voltage Drop vs Forward Current

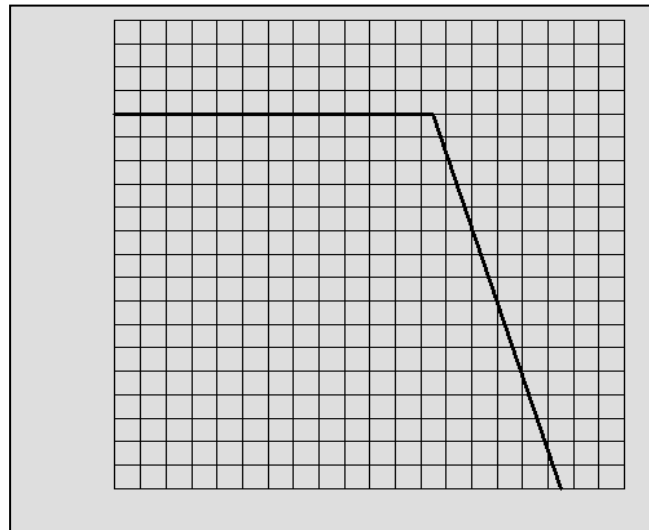


Fig2. Forward Current Derating Curve

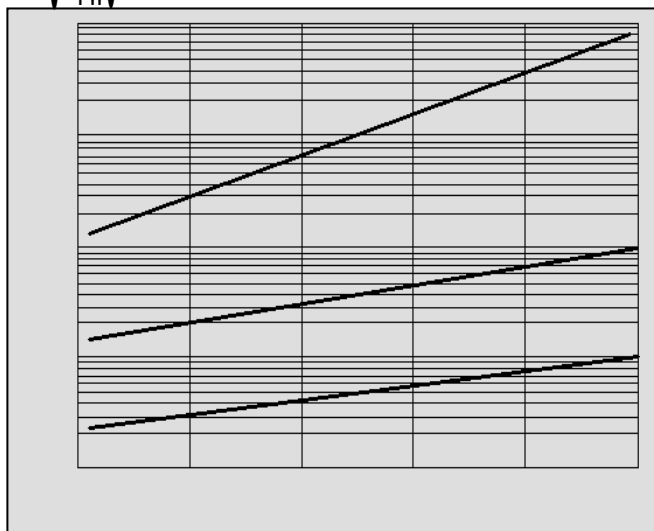


Fig3. Typical Reverse Current



Package Outline Information

CASE: FJ

YJ

Dimensions in mm