

$V_R$			
	$T_C=125^{\circ}\text{C}$ , 20KHz, Per Module	150	A
$I_{F(RMS)}$	$T_C=125^{\circ}\text{C}$ , Per Diode	150	A
$I_{FSM}$	1/2 Cycle , 50Hz, Sine	1500	A
	1/2 Cycle , 60Hz, Sine	1800	A
$I^2t$	$T_J=45^{\circ}\text{C}$ , t=10ms, 50Hz, Sine	11250	$\text{A}^2\text{s}$
	$T_J=45^{\circ}\text{C}$ , t=8.3ms, 60Hz, Sine	16200	$\text{A}^2\text{s}$
$P_D$		833	W
$T_J$		-40 to +150	$^{\circ}\text{C}$
$T_{STG}$		-40 to +125	$^{\circ}\text{C}$
Torque	Recommended M6	3 4.7	N·m
Torque	Recommended M6	3 4.7	N·m
Weight		92	g

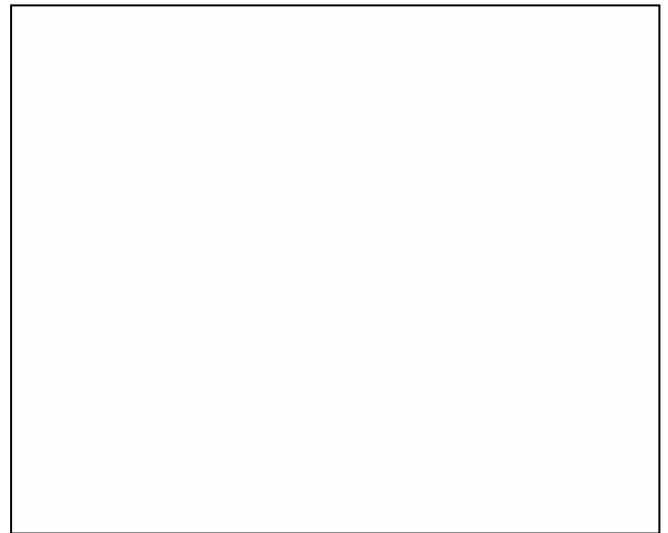


## Electrical Characteristics

### Performance Curves



**Fig1. Forward Voltage**



**Fig3. Reverse Recovery Current vs  $di_F/dt$**



**Fig4. Reverse Recovery Charge vs  $di_F/dt$**

**Package Outline Information**

**CASE: F4**

**Dimensions in mm**