

**Features****Absolute Maximum Ratings (@ $T_C = 25^\circ\text{C}$ unless otherwise specified)**

Parameter	Conditions	Symbol	Values	Unit
Repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	V_{RRM}	2000	V
Non-repetitive peak reverse voltage	$T_{vj} = 25^\circ\text{C}$	V_{RSM}	2100	V
Average forward current	$T_C = 100^\circ\text{C}$	$I_{F(AV)}$	110	A
Forward surge current	1/2 cycle, Sine wave, 50Hz	I_{FSM}	2900	A
I^2t value for fusing	$T_{vj} = 25$	I^2t	42050	A^2s
RMS isolation voltage	A.C 50Hz(1s/1min)	V_{ISO}	3600/3000	V



Electrical Characteristics (@ $T_C = 25^\circ\text{C}$ unless otherwise specified)

Parameter	Conditions	Symbol	Values		Unit
			Min.	Typ.	



Typical Electrical & Thermal Characteristics

Package Outlines (mm)



