查询FFPF06U150S供应商





Absolute Maximum Ratings Tc=25°C unless otherwise noted

Symbol	Parameter	Value	Units
V _{RRM}	Peak Repetitive Reverse Voltage	1500	V
I _{F(AV)}	Average Rectified Forward Current $@T_{C} = 125^{\circ}C$	6	A
I _{FSM}	Non-repetitive Peak Surge Current 60Hz Single Half-Sine Wave	60	A
T _{J,} T _{STG}	Operating Junction and StorageTemperature	- 65 to +150	°C

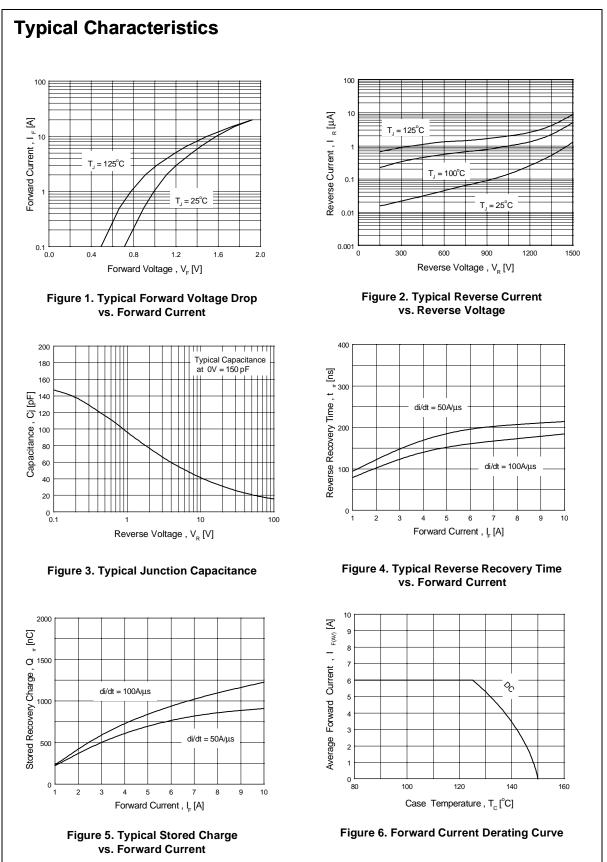
Thermal Characteristics

Symbol	Parameter	Value	Units
R _{θJC}	Maximum Thermal Resistance, Junction to Case	3.0	°C/W

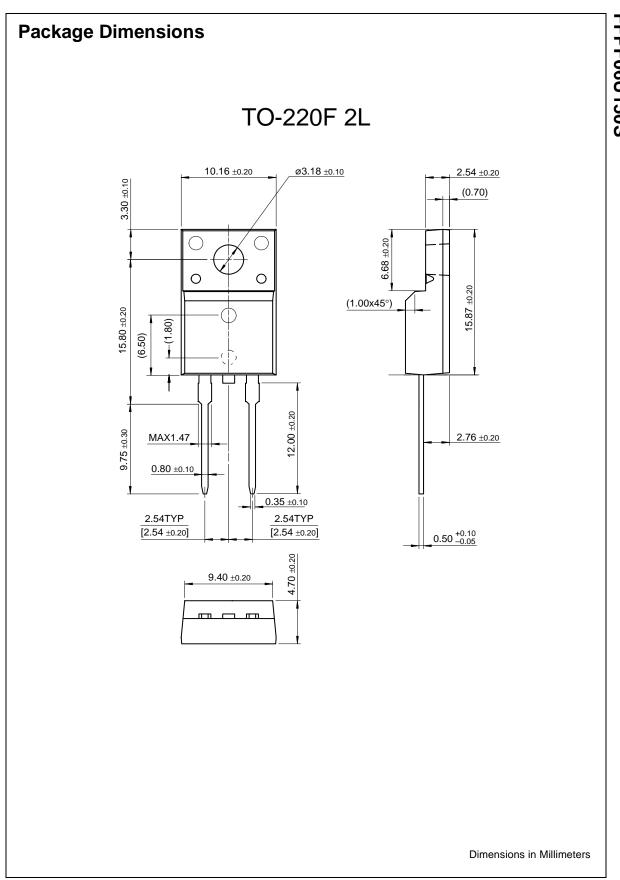
Electrical Characteristics T_C=25 °C unless otherwise noted

Symbol	Parameter		Min.	Min. Typ.	Max. 1.8 1.7	Units V
V _{FM} *	Maximum Instantaneous Forward Voltage I _F = 6A I _F = 6A	I Voltage T _C = 25 °C T _C = 125 °C				
RM *	Maximum Instantaneous Reverse Current @ rated V _R	T _C = 25 °C T _C = 125 °C	-	-	10 80	μΑ
r ABS	Maximum Reverse Recovery Time (I _F =1A, di/dt = 50A/μs)		-	-	150	ns
fr	Maximum Forward Recovery Time (I _F =6.5A, di/dt = 50A/µs)		-	-	350	ns
V _{FRM}	Maximum Forward Recovery Voltage		-	-	16	V

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PRODUCT STATUS DEFINITIONS

Definition of Terms

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