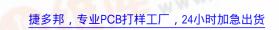
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SCHOTTKY BARRIER RECTIFIER

Absolute Maximum Ratings Tc=25°C unless otherwise noted

Symbol	Parameter		Value	Units
V _{RRM}	Maximum Repetitive Reverse Voltage		40	V
V _R	Maximum DC Reverse Voltage		40	V
I _{F(AV)}	Maximum Average Rectified Current	@ T _C = 130°C	10	А
I _{FSM}	Maximum Forward Surge Current (per diode) 60Hz Single Half-Sine Wave		80	A
T _{J,} T _{STG}	Operating Junction and Storage Temperature		-40 to +150	°C

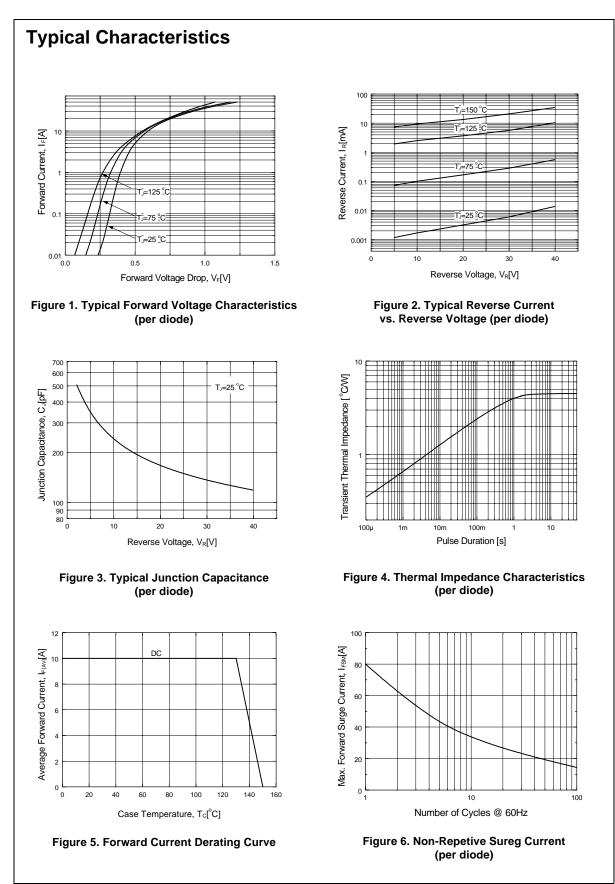
Thermal Characteristics

Symbol	Parameter	Value	Units
R _{0JC}	Maximum Thermal Resistance, Junction to Case (per diode)	4.5	°C/W

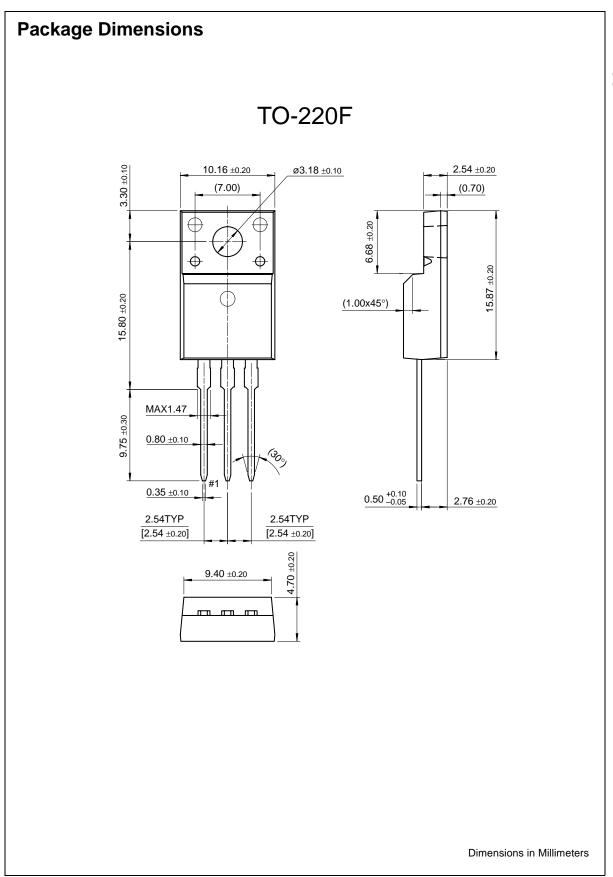
Electrical Characteristics (per diode) T_C=25 °C unless otherwise noted

				and the second s	
Symbol	Parameter		Value	Units	
V _{FM} *	Maximum Instantaneous Forward Voltage	A LOVE	A week	V	
	I _F = 5A	T _C = 25 °C	0.55		
	$I_F = 5A$	T _C = 125 °C	0.49		
	$I_F = 10A$	$T_{C} = 25 °C$ $T_{C} = 125 °C$ $T_{C} = 25 °C$	0.67		
	I _F = 10A	T _C = 125 °C	0.65		
I _{RM} *	Maximum Instantaneous Reverse Current			mA	
	@ rated V _R	T _C = 25 °C	1		
		T _C = 25 °C T _C = 125 °C	40		

* Pulse Test: Pulse Width=300µs, Duty Cycle=2%



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2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

PRODUCT STATUS DEFINITIONS

Definition of Terms

Datasheet Identification	Product Status	Definition
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