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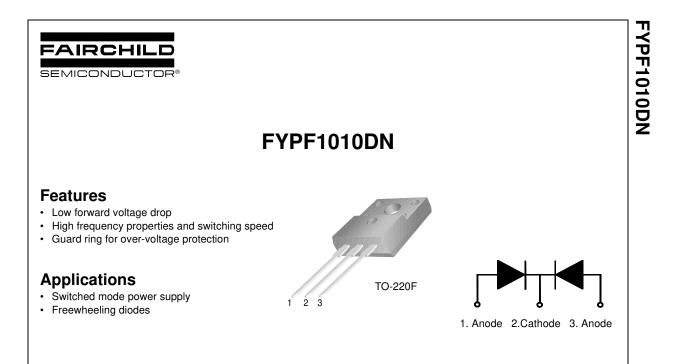


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SCHOTTKY BARRIER RECTIFIER

Absolute Maximum Ratings T_C=25°C unless otherwise noted

Symbol	Parameter	Value	Units
V _{RRM}	Maximum Repetitive Reverse Voltage	100	V
V _R	Maximum DC Reverse Voltage	100	V
I _{F(AV)}	Average Rectified Forward Current @ T _C = 125°C	10	A
I _{FSM}	Non-repetitive Peak Surge Current (per diode) 60Hz Single Half-Sine Wave	100	A
T _{J.} T _{STG}	Operating Junction and Storage Temperature	-40 to +150	°C

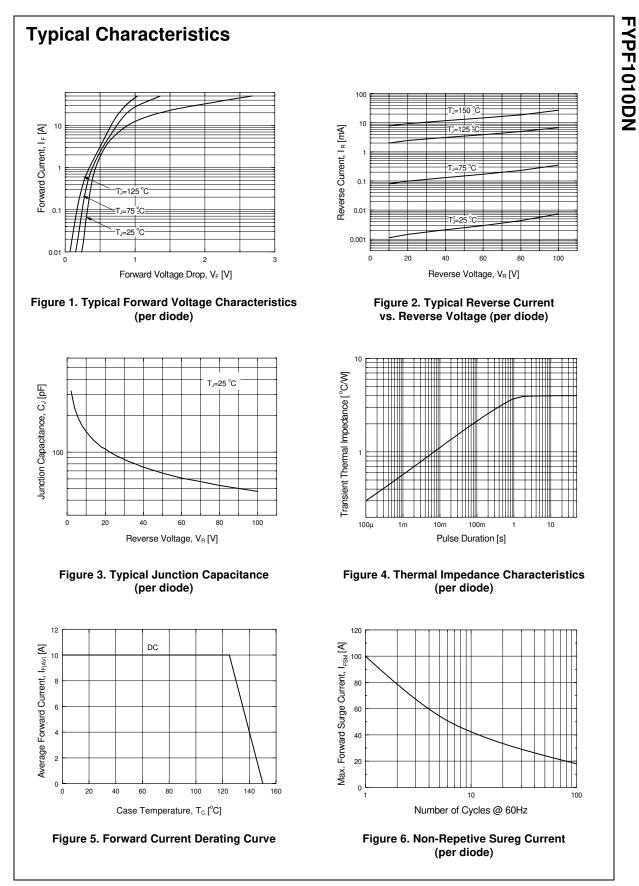
Thermal Characteristics

Symbol	Parameter	Value	Units
$R_{ extsf{ heta}JC}$	Maximum Thermal Resistance, Junction to Case (per diode)	4.0	°C/W

Electrical Characteristics (per diode)

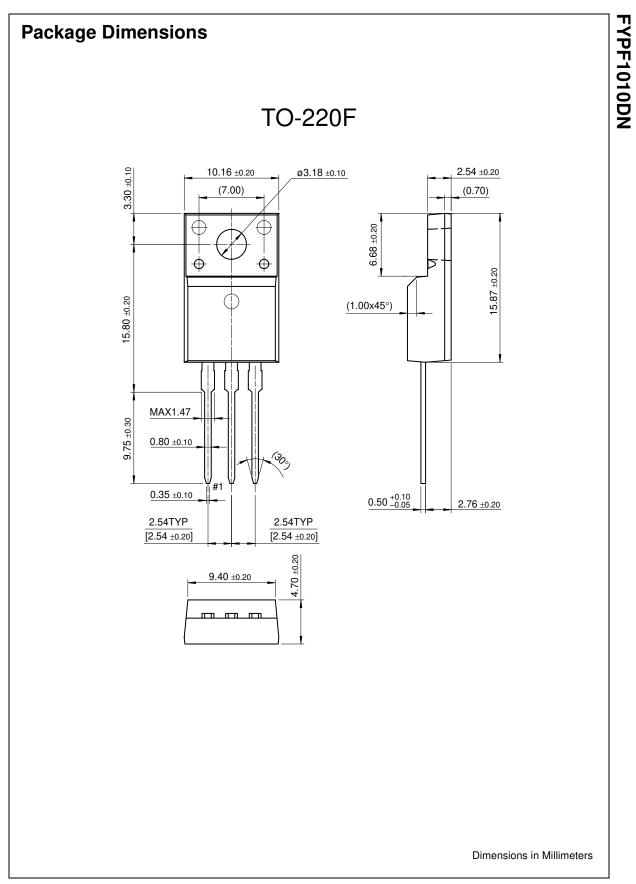
Symbol	Parameter		Value	Units
V _{FM} *	Maximum Instantaneous Forward Voltage			V
	I _F = 5A	T _C = 25 °C	0.75	
	I _F = 5A	T _C = 25 °C T _C = 125 °C	0.65	
	I _F = 10A	T _C = 25 °C	0.95	
	I _F = 10A	T _C = 125 °C	0.73	
RM *	Maximum Instantaneous Reverse Current			mA
	@ rated V _B	T _C = 25 °C	1	
		T _C = 25 °C T _C = 125 °C	30	

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



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