- Low forward voltage
- High current capability
- High forward surge capability
- Low power losses˘ High efficiency
- Guarding for over voltage protection

Low VF Schottky barrier rectifier are designed for high freqency, miniature switched mode power supplies such as adapters ,lighting and on-board DC/DC conerters

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Maximum Repetitive Peak Reverse Voltage		100	
Working Peak Reverse Voltage		70	
Maximum DC Blocking Voltage		100	
Maximum Average Forward Rectified Current		30	
Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)		430	
Operating Temperature Range		150	
Storage Temperature Range		-40 ~ +150	
Typical Thermal Resistance		2	

Forward Voltage Drop(Note2)					
at I =5A	TA=25ÁC		0.70	0.8	
	TA=125ÁC		0.57	-	
at I =10A	TA=25ÁC		0.80	0.85	
	TA=125ÁC		0.66	-	
at I =30A	TA=25ÁC		0.85	0.90	
	TA=125ÁC		0.71	-	
Maximum Reverse Current at V =100V	TA=25ÁC		5	10	
	TA=125ÁC		3	-	

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