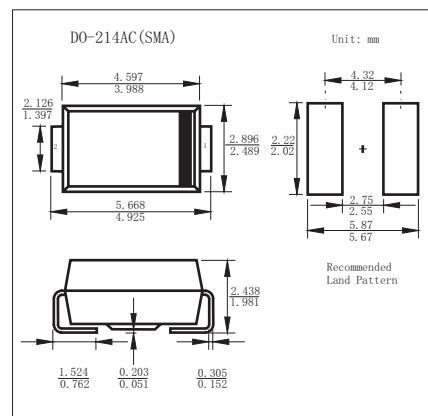


Schottky Diode

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■ Features

- Low VF
- High reliability



■ Absolute Maximum Ratings (Ta = 25°C)

Parameter	Symbol	Value	Unit
Reverse Voltage (Repetitive Peak)	V _{RM}	40	V
Reverse Voltage (DC)	V _R	20	
Average Rectified Output Current	I _O	3	A
Peak Forward Surge Current (60Hz·1cyc)	I _{FSM}	70	
Junction Temperature	T _J	125	°C
Storage Temperature range	T _{stg}	-40 to +125	

* Mounted on epoxyboard. 180° Half sine wave

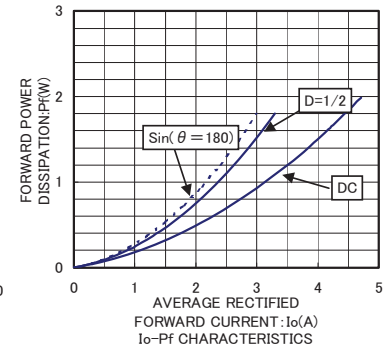
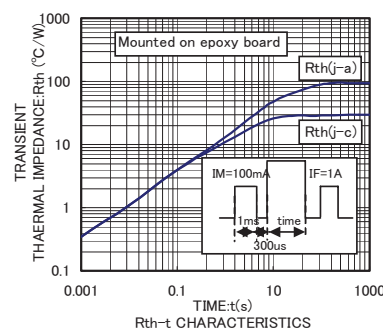
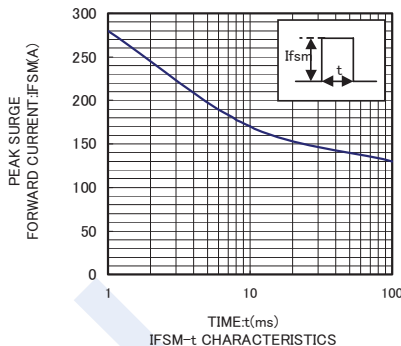
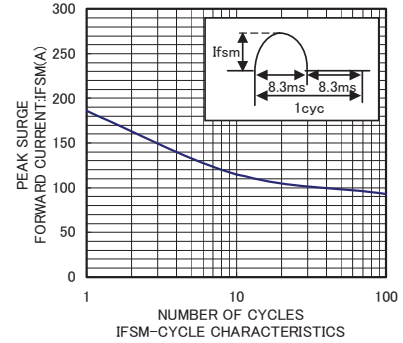
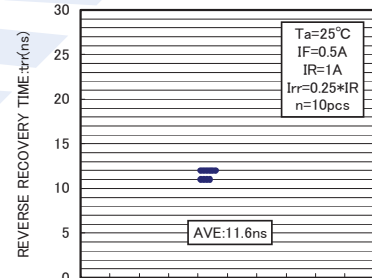
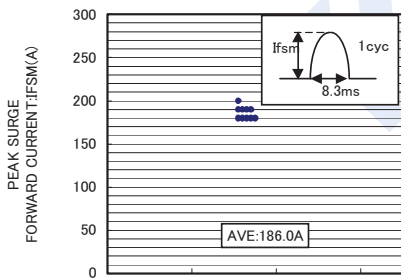
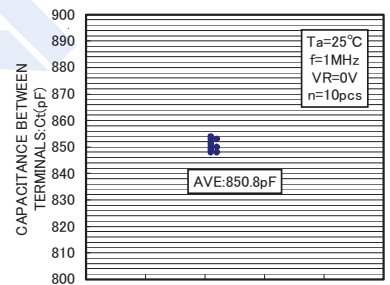
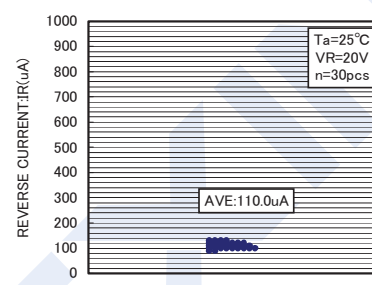
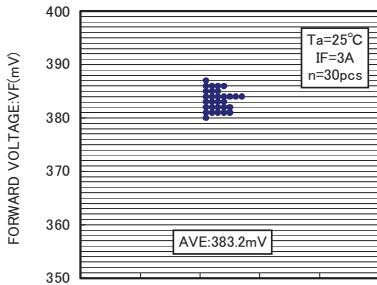
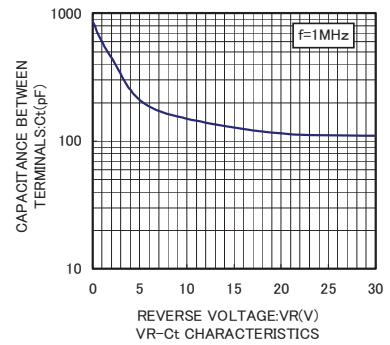
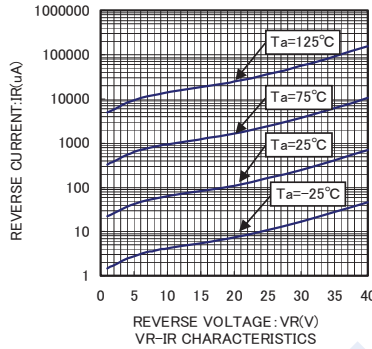
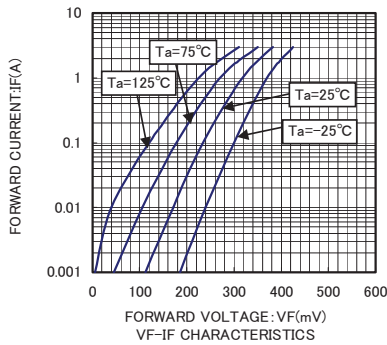
■ Electrical Characteristics (Ta = 25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Breakdown Voltage	B _V	I _R = 100μA	20			V
Forward voltage	V _{F1}	I _F = 1.0A			0.35	
	V _{F2}	I _F = 3.0A			0.45	
Reverse Leakage current	I _{R1}	V _R = 20 V			1	mA
	I _{R2}	V _R = 15 V			150	μA

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Typical Characteristics



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