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# Power Matters.

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## SBR6090R (#56381)

### Overview

#### **Diagrams**

#### Description

60Amp,90V-100V Schottky Rectifier in DO5 package.

Electrical Rating	Symbol	Min	Тур	Max	Unit
Forward Voltage (V)	V <sub>F</sub>			0.89	V
Junction Capacitance (pF)	CJ		1250.00		pF
Junction Temperature (°C)	T <sub>J</sub>	-65.00		175.00	°C
Reverse Current (uA)	I <sub>R</sub>			1000.00	μΑ

Environmental Rating		mbol	Min	Тур	Max	Unit
Thermal Resistance, Junction to Case (°C/W)	Re	JC			1.00	°C/W
Maximum Electrical Rating	Symbol	Min	Тур	Max		Unit

Maximum Electrical Rating	Symbol	Min	Тур	Max	Unit
Forward Surge Peak Current (A)	I <sub>FSM</sub>			1000.00	А
Output Current (A)	I <sub>O</sub>			60.00	А
Reverse Voltage	V <sub>R</sub>			90.00	V

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