

Power Matters.™

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SBR6090 (#46596)

Product Status

■ In Production

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Overview

Diagrams

Description

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

Electrical Rating	Symbol	Min	Typ	Max	Unit
Forward Voltage (V)	V_F			0.89	V
Junction Capacitance (pF)	C_J		1250.00		pF
Junction Temperature (°C)	T_J	-65.00		175.00	°C
Reverse Current (uA)	I_R			1000.00	μA

Environmental Rating	Symbol	Min	Typ	Max	Unit
Thermal Resistance, Junction to Case (°C/W)	$R_{\theta JC}$			1.00	°C/W

Maximum Electrical Rating	Symbol	Min	Typ	Max	Unit
Forward Surge Peak Current (A)	I_{FSM}			1000.00	A
Output Current (A)	I_O			60.00	A
Reverse Voltage	V_R			90.00	V

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