

Schottky Rectifiers

Silicon Schottky Barrier Rectifiers 1 A **1N5817 to 1N5819** (DO-41 Glass Package) $T_A = 25\text{ }^\circ\text{C}$ **1N5817M to 1N5819M** (MELF Glass Package) $T_A = 25\text{ }^\circ\text{C}$

Type	Average Rectified Current at $T_L = 90\text{ }^\circ\text{C}$	Peak Inverse Voltage	Surge Forward Current Half Cycle 50 Hz	Max. Forward Voltage Drop		Max. Reverse Current	
				V_F	at I_F	I_R	at V_R
	I_o Amps	P. I. V. Volts	Amps	Volts	Amps	mA	Volts
1N5817 1N5817M	1	20	25	0.475	1	1	20
1N5818 1N5818M	1	30	25	0.55	1	1	30
1N5819 1N5819M	1	40	25	0.60	1	1	40

Silicon Schottky Barrier Rectifiers 1 A **SD5817 to SD5819-05** (SOT-89A Plastic Package) $T_A = 25\text{ }^\circ\text{C}$

Type	Marking Code	Average Rectified Current at $T_L = 90\text{ }^\circ\text{C}$	Peak Inverse Voltage	Surge Forward Current Half Cycle 50 Hz	Max. Forward Voltage Drop		Max. Reverse Current	
					V_F	at I_F	I_R	at V_R
		I_o Amps	P. I. V. Volts	Amps	Volts	Amps	mA	Volts
SD5817	SD7	1	20	25	0.475	1	1.0	20
SD5818	SD8	1	30	25	0.55	1	1.0	30
SD5819	SD9	1	40	25	0.60	1	1.0	40
SD5817-05¹⁾	S75	1	20	25	0.475	1	1.0	20
SD5818-05¹⁾	S85	1	30	25	0.55	1	1.0	30
SD5819-05¹⁾	S95	1	40	25	0.60	1	1.0	40

¹⁾ Dual Rectifier

The pin configuration is the following:
SD5817, SD5818, SD5819, 2 = anode, 3 = cathode
SD5817-05, SD5818-05, SD5819-05, 1 = anode, 2 = anode, 3 = cathode, cathode