

Schottky Rectifiers

Microsemi
ANALOG, DISCRETE, POWER, OPTOELECTRONICS, SEMICONDUCTORS

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	CJ (pF)
SSF1040	Serotech Lab	TO-254	STD		21300	10	40				
MS1004	Colorado	TO-220AC	STD		13266	10	40	200	0.65	250	660
FST1045	Colorado	TO-220AB	STD		6618	10	45	200		2000	380
SCF2045	Serotech Lab	TO-254	STD		21293	10	45				
SSF1045	Serotech Lab	TO-254	STD		21305	10	45				
USD1045A	Watertown	TO-220AC	STD		20798	10	45				
MS1045	Colorado	TO-220AC	STD		13272	10	45	200	0.56	2000	575
SCF2050	Serotech Lab	TO-254	STD		21294	10	50				
SSF1050	Serotech Lab	TO-254	STD		21301	10	50				
MS1005	Colorado	TO-220AC	STD		13267	10	50	200	0.67	250	570
SCF2060	Serotech Lab	TO-254	STD		21295	10	60				
SSF1060	Serotech Lab	TO-254	STD		21302	10	60				
SSF1060	Serotech Lab	TO-254	STD		21306	10	60				
USD1060	Watertown	TO-220AC	STD		20786	10	60				
MS1006	Colorado	TO-220AC	STD		13268	10	60	200	0.67	250	570
MS1060	Colorado	TO-220AC	STD		13275	10	60	200	0.67	250	570
USD1070	Watertown	TO-220AC	STD		20787	10	70				
FST1080	Colorado	TO-220AB	STD		6619	10	80	200		250	280
SCF2080	Serotech Lab	TO-254	STD		21296	10	80				
SSF1080	Serotech Lab	TO-254	STD		21303	10	80				
USD1080	Watertown	TO-220AC	STD		20788	10	80				
MS1008	Colorado	TO-220AC	STD		13269	10	80	200	0.8	250	440
FST1090	Colorado	TO-220AB	STD		6620	10	90	200		250	280
SCF2090	Serotech Lab	TO-254	STD		21297	10	90				
SSF1090	Serotech Lab	TO-254	STD		21304	10	90				
USD1090	Watertown	TO-220AC	STD		20789	10	90				
MS1009	Colorado	TO-220AC	STD		13270	10	90	200	0.8	250	440
FST10100	Colorado	TO-220AB	STD		21047	10	100	200		250	
USD10100	Watertown	TO-220AC	STD		20790	10	100				
MS10100	Colorado	TO-220AC	STD		21120	10	100	200	0.85	500	
SCF1235	Serotech Lab	TO-254	STD		21319	12	35				
USD635	Watertown	TO-220AC	STD		17131	12	35				
USD635C	Watertown	TO-220AB	STD		17132	12	35				
USD835	Watertown	TO-220AC	STD		17145	12	35				
SCF1240	Serotech Lab	TO-254	STD		21320	12	40				
USD640	Watertown	TO-220AC	STD		17133	12	40				
USD640C	Watertown	TO-220AB	STD		17134	12	40				
USD840	Watertown	TO-220AC	STD		17146	12	40				
SCF1245	Serotech Lab	TO-254	STD		21321	12	45				
USD645	Watertown	TO-220AC	STD		17135	12	45				
USD645C	Watertown	TO-220AB	STD		17136	12	45				
USD845	Watertown	TO-220AC	STD		17147	12	45				
USD1535ACT	Watertown	TO-220AB	STD		20801	15	35				
USD1545ACT	Watertown	TO-220AB	STD		20802	15	45				

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Section Organization: Schottky Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts)

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Forward Voltage (VF) when specified is at the rated IO. For VF@IF refer to the product datasheets.
3. For detailed VF data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID