

# High Voltage Rectifiers



Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	VR (Volts)	IO (Amps)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	trr (nsec)
UGE7.5	Watertown	DG	STD		16971	7500	3	200	13	10	
USR80A	Watertown	SE	STD		17171	8000	0.2	20	20	5	500
US80A	Watertown	SE	STD		17094	8000	0.25	20	14	2	
PHV308	Colorado	SEE FACTORY	STD		13928	8000	8				
CHV21H8	Colorado	SEE FACTORY	STD		6288	8000	20			10	
PHV608	Colorado	SEE FACTORY	STD		13947	8000	20				
JHV21H8	Colorado	SEE FACTORY	STD		11663	8000	22			10	
JHV34H8	Colorado	SEE FACTORY	STD		11681	8000	40			40	
LHV34H8	Colorado	SEE FACTORY	STD		12068	8000	40			40	
CHV34H8	Colorado	SEE FACTORY	STD		6306	8000	45			40	
JHV36H8	Colorado	SEE FACTORY	STD		11698	8000	65			50	
CHV37H8	Colorado	SEE FACTORY	STD		6324	8000	70			50	
LHV37H8	Colorado	SEE FACTORY	STD		12087	8000	75			50	
JHV37H8	Colorado	SEE FACTORY	STD		11715	8000	85			50	
LHV43H8	Colorado	SEE FACTORY	STD		12092	8000	90			200	
SHV43H8	Colorado	SEE FACTORY	STD		14803	8000	120			200	
UDC10	Watertown	DD	STD		16619	10000	0.075	25	20	2	350
1N5184	Santa Ana	S	STD		3247	10000	0.1	4	10	10	
USR100A	Watertown	SE	STD		17151	10000	0.2	20	24	5	500
US100A	Watertown	SE	STD		17077	10000	0.25	20	17	2	
UFS10	Watertown	DH	STD		16834	10000	0.3	20	23	5	350
USB10	Watertown	DH	STD		17095	10000	0.43	80	17	10	
688-10	Watertown	SEE FACTORY	STD		17940	10000	0.6	20	17	2	
1N5597	Watertown	DE	STD		3694	10000	1	30	13	1	
JANTX1N5597	Watertown	DE	STD	404	9409	10000	1	30	13	1	
UDA10	Watertown	DD	STD		16612	10000	1	30	16	2	
UGD10	Watertown	DG	STD		16966	10000	1.75	80	22	5	350
UGB10	Watertown	DG	STD		16963	10000	2.3	100	17	5	
USR120A	Watertown	SF	STD		17157	12000	0.15	20	31	5	500
US120A	Watertown	SE	STD		17079	12000	0.2	20	21	2	
688-12	Watertown	SEE FACTORY	STD		17941	12000	0.5	20	20	2	
PHV312	Colorado	SEE FACTORY	STD		13929	12000	8				
CHV21H12	Colorado	SEE FACTORY	STD		6271	12000	20			10	
PHV612	Colorado	SEE FACTORY	STD		13948	12000	20				
JHV21H12	Colorado	SEE FACTORY	STD		11664	12000	22			10	
JHV34H12	Colorado	SEE FACTORY	STD		11665	12000	40			40	
LHV34H12	Colorado	SEE FACTORY	STD		12070	12000	40			40	
CHV34H12	Colorado	SEE FACTORY	STD		6289	12000	45			40	
JHV36H12	Colorado	SEE FACTORY	STD		11682	12000	65			50	
CHV37H12	Colorado	SEE FACTORY	STD		6307	12000	70			50	
LHV37H12	Colorado	SEE FACTORY	STD		12071	12000	75			50	
JHV37H12	Colorado	SEE FACTORY	STD		11699	12000	85			50	
LHV43H12	Colorado	SEE FACTORY	STD		12093	12000	90			200	
SHV43H12	Colorado	SEE FACTORY	STD		14804	12000	120			200	
UDC15	Watertown	DD	STD		16620	15000	0.05	25	30	2	350

**HVR**

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