

High Voltage Rectifiers

Microsemi
ANALOG AND POWER TECHNOLOGY

HVR

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)
USR150A	Watertown	SF	STD		17159	15000	0.15	20	33	5	500
US150A	Watertown	SF	STD		17081	15000	0.2	20	26	2	
688-15	Watertown	SEE FACTORY	STD		17942	15000	0.4	20	25	2	
UDA15	Watertown	DD	STD		16613	15000	0.67	30	25	2	
PHV316	Colorado	SEE FACTORY	STD		13930	16000	8				
CHV21H16	Colorado	SEE FACTORY	STD		6272	16000	20			10	
PHV616	Colorado	SEE FACTORY	STD		13949	16000	20				
SHV43H16	Colorado	SEE FACTORY	STD		14805	16000	20			200	
JHV21H16	Colorado	SEE FACTORY	STD		11648	16000	22			10	
LHV37H16	Colorado	SEE FACTORY	STD		12072	16000	25			50	
JHV34H16	Colorado	SEE FACTORY	STD		11666	16000	40			40	
LHV34H16	Colorado	SEE FACTORY	STD		12069	16000	40			40	
CHV34H16	Colorado	SEE FACTORY	STD		6290	16000	45			40	
JHV36H16	Colorado	SEE FACTORY	STD		11683	16000	65			50	
CHV37H16	Colorado	SEE FACTORY	STD		6308	16000	70			50	
JHV37H16	Colorado	SEE FACTORY	STD		11700	16000	85			50	
LHV43H16	Colorado	SEE FACTORY	STD		12094	16000	90			200	
USR180A	Watertown	SF	STD		17161	18000	0.13	20	35	5	500
US180A	Watertown	SF	STD		17083	18000	0.18	20	31	2	
688-18	Watertown	SEE FACTORY	STD		17943	18000	0.35	20	30	2	
LHV34H20	Colorado	SEE FACTORY	STD		12054	20000				40	
US200A	Watertown	SF	STD		17085	20000	0.18	20	34	2	
688-20	Watertown	SEE FACTORY	STD		17944	20000	0.3	20	34	2	
PHV320	Colorado	SEE FACTORY	STD		13931	20000	8				
CHV21H20	Colorado	SEE FACTORY	STD		6273	20000	20			10	
PHV620	Colorado	SEE FACTORY	STD		13950	20000	20				
JHV21H20	Colorado	SEE FACTORY	STD		11649	20000	22			10	
JHV34H20	Colorado	SEE FACTORY	STD		11667	20000	40			40	
CHV34H20	Colorado	SEE FACTORY	STD		6291	20000	45			40	
JHV36H20	Colorado	SEE FACTORY	STD		11684	20000	65			50	
CHV37H20	Colorado	SEE FACTORY	STD		6309	20000	70			50	
LHV43H20	Colorado	SEE FACTORY	STD		12088	20000	70			200	
LHV37H20	Colorado	SEE FACTORY	STD		12073	20000	75			50	
JHV37H20	Colorado	SEE FACTORY	STD		11703	20000	85			50	
SHV43H20	Colorado	SEE FACTORY	STD		14799	20000	120			200	
PHV324	Colorado	SEE FACTORY	STD		13932	24000	8				
CHV21H24	Colorado	SEE FACTORY	STD		6274	24000	20			10	
PHV624	Colorado	SEE FACTORY	STD		13951	24000	20				
JHV21H24	Colorado	SEE FACTORY	STD		11650	24000	22			10	
JHV34H24	Colorado	SEE FACTORY	STD		11668	24000	40			40	
LHV34H24	Colorado	SEE FACTORY	STD		12055	24000	40			40	
CHV34H24	Colorado	SEE FACTORY	STD		6292	24000	45			40	
JHV36H24	Colorado	SEE FACTORY	STD		11685	24000	65			50	
CHV37H24	Colorado	SEE FACTORY	STD		6310	24000	70			50	
LHV37H24	Colorado	SEE FACTORY	STD		12074	24000	75			50	

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