

high voltage axial lead silicon cartridge rectifiers

JEDEC Type	Peak Inverse Voltage (volts) (Note1)	Max. RMS Input (volts) (Note 2)	Max Rectified DC Output Current (mA)		Max Forward Voltage Drop @100mADC (volts)	Max Reverse Current @ Rated PIV (mA)		8 Millisecond Surge (Amps)	Package inches	
			@ 50°C	100°C		@ 25°C	100°C		Length L	Diameter D
1N2384'	8000	5600	200	-	27	10	-	30	1.500	.500
1N2385'	10000	7000	200	-	39	10	-	30	2.000	.500
1N3052	12000	8450	-	125	20	10	-	30	4.000	-
1N3053	14000	9900	-	125	24	10	-	30	4.000	-
1N3054	16000	11300	-	125	27	10	-	30	5.000	-
1N3055	18000	12700	-	125	30	10	-	30	5.000	-
1N3056	20000	14150	-	125	34	10	-	30	6.000	-
1N3057	22000	15500	-	125	37	10	-	30	6.000	-
1N3058	24000	17000	-	125	40	10	-	30	7.000	-
1N3059	26000	18350	-	125	44	10	-	30	7.000	-
1N3060	28000	19750	-	125	47	10	-	30	8.000	-
1N3061	30000	21150	-	125	50	10	-	30	8.000	-

Type	Peak Inverse Voltage (volts) (Note1)	Max Rectified DC Output Current (mA) @ 55°C	Max Forward Voltage Drop VF @ IF (volts)	Max Reverse Current IR@VRRM (mA) @25°C	Max Surge Current 8.3ms (Amps)	MAX Reverse Recovery nanosec. @25°C	Package (mm)	
							Length L	Diameter D
UX-FOB	8,000	500	14.0	0.5	20	50	21	7 ²
BR5F	5,000	600	8.8	5.0	20	100	9.0	5.0
UX-F15B	15,000	300	16.0	0.5	20	50	22	7 ²
UX-F2CL15	15,000	250	16.0	0.5	16	50	15.2	4.3
BR10F	10,000	250	14.0	5.0	20	150	9.0	5.0
CL03-12	12,000	125	29.0	0.5	25	100	22	7.7
CL03-15	15,000	100	33.0	0.5	20	100	22	7.7
CL03-20	20,000	60	38.0	0.5	15	100	22	7.7
2CL2FF	8,000	50	16.0	2.0	10	150	15.2	4.3
2CL2FK	10,000	90	22.0	2.0	10	100	15.2	4.3
2CL2FL	15,000	90	26.0	2.0	10	100	15.2	4.3
2CL2FG	10,000	50	13.0	2.0	10	150	15.2	4.3
2CL2FJ	15,000	50	17.0	2.0	10	150	15.2	4.3
2CL2FM	20,000	90	35.0	2.0	10	100	15.2	4.3
G10FS	10,000	25	25.0	0.2	3	100	8.2	3.1
G12FS	12,000	10	35.0	0.2	3	100	8.2	3.1
G15FS	15,000	10	35.0	0.2	3	100	8.2	3.1
G20FP	20,000	10	55.0	0.2	3	100	12.0	3.1
G25FP	25,000	10	55.0	0.2	3	100	12.0	3.1
HV50F	5,000	2200	9.0	5.0	150	75	63.5x10x19	
HV75F	7,500	2200	11.2	5.0	150	75	88.9x10x19	
HV100F	10,000	2200	14.0	5.0	150	75	114.3x10x19	
SP5L(SMD)	5,000	270	14.0	0.1	10	75	SMA-D0214AC	
SP5S(SMD)	5,000	40	14.0	2.0	3	60	SMA-D0214AC	

Ambient temperature range: -55°C to +150°C.

Note 1. Continuous DC rating as PIV

Full data sheets on above available upon request.

Note 2. Resistive or inductive load