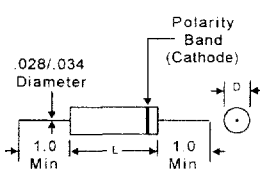
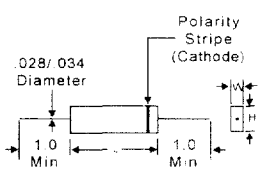
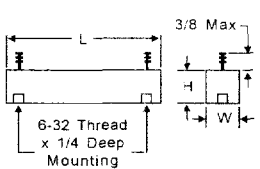
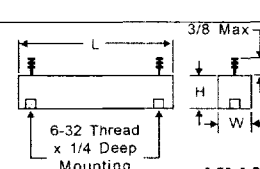
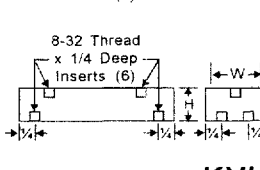


HIGH VOLTAGE RECTIFIER ASSEMBLIES, Fast Recovery

ISI Part Number	Average Rectified Current at $T_c = 50^\circ\text{C}$	Peak Reverse Voltage	Max Forward Voltage @ Rated I_F and $T_c = 25^\circ\text{C}$	Peak Forward Surge Current @ 8.3ms Superimposed	Max Reverse Current @ Rated PIV & $T_c = 25^\circ\text{C}$	Max Reverse Current @ Rated PIV & $T_c = 100^\circ\text{C}$	Reverse Recovery Time @ Rated PIV	Case Dimensions (Inches)		Outline						
	I_F (mA)	PRV (Volts)	V_{FM} (Volts)	I_{FSM} (Amps)	I_R (μA)	I_R (μA)	T_{rr} (nsec)	L	D							
HVDR08 HVDR10 HVDR12 HVDR15 HVDR20 HVDR25 HVDR30 HVDR35 HVDR40	25	8,000	30	3.0	1.0	40		1.0	0.260							
15,000		60						2.0								
20,000		90	3.1					0.305								
25,000																
30,000																
35,000																
40,000																
HVCR08 HVCR10 HVCR12 HVCR15 HVCR20 HVCR25 HVCR30 HVCR35 HVCR40 HVCR45 HVCR50		100	8,000					20	10		2.0	100		1.00	0.510	
10,000			20					1.00								
12,000	20		1.00													
15,000	30		1.63													
20,000	40		2.13													
25,000	50		2.63													
30,000	60		3.13													
35,000	70		3.63													
40,000	80		4.13													
45,000	90		4.63													
50,000	100		5.13													
HVHC08R HVHC10R HVHC12R HVHC15R HVHC20R HVHC25R HVHC30R HVHC35R HVHC40R HVHC45R HVHC50R	250 200	8,000 10,000 12,000 15,000 20,000 25,000 30,000 35,000 40,000 45,000 50,000	12 15 18 24 30 38 45 54 60 70 76	10	2.0	100		1.00 1.25 1.50 2.00 2.50 3.00 3.75 4.00 5.00 6.25 6.25	0.31							
10,000	15	1.25														
12,000	18	1.50														
15,000	24	2.00														
20,000	30	2.50														
25,000	38	3.00														
30,000	45	3.75														
35,000	54	4.00														
40,000	60	5.00														
45,000	70	6.25														
50,000	76	6.25														
KVA05R KVA06R KVA07R KVA08R KVA09R KVA10R KVA15R KVA20R KVA25R KVA30R KVA35R KVA40R KVA50R	900 700	5,000 6,000 7,000 8,000 9,000 10,000 15,000 20,000 25,000 30,000 35,000 40,000 50,000	10 11 12 13 16 17 25 30 36 43 50 58 72					30			5.0	250	300	2.5 2.5 3.0 3.0 3.0 3.5 5.0 5.5 6.0 6.0 6.5 6.5 7.0	0.75	
6,000	11	2.5														
7,000	12	3.0														
8,000	13	3.0														
9,000	16	3.0														
10,000	17	3.5														
15,000	25	5.0														
20,000	30	5.5														
25,000	36	6.0														
30,000	43	6.0														
35,000	50	6.5														
40,000	58	6.5														
50,000	72	7.0														
KVHC05R KVHC06R KVHC07R KVHC08R KVHC09R KVHC10R KVHC15R KVHC20R KVHC25R KVHC30R KVHC35R KVHC40R KVHC50R	2.50 Amps 2.25 Amps	5,000 6,000 7,000 8,000 9,000 10,000 15,000 20,000 25,000 30,000 35,000 40,000 50,000	10 11 12 13 16 17 25 33 42 50 58 65 82	150	5.0	25	200		4.00 4.75 5.50 6.00 6.50 7.00 4.00 6.00 8.00 4.00 6.00 8.00 8.00 6.00	1.0						
6,000	11	4.75														
7,000	12	5.50														
8,000	13	6.00														
9,000	16	6.50														
10,000	17	7.00														
15,000	25	4.00														
20,000	33	6.00														
25,000	42	8.00														
30,000	50	4.00														
35,000	58	6.00														
40,000	65	8.00														
50,000	82	8.00														
		6.00														