

HVFWB—High Voltage Full Wave Bridge Rectifier Assemblies

HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} Per Leg V (Volts)	Avg. Forward Current Max. I_{FAVM} @ 55°C A (Amps)	Max. Forward Voltage Drop V_F @ I_F Per Leg V (Volts)	Max. Reverse Current I_R @ V_{RRM} @ 25°C μ A (microAmps)	Max. Surge Current I_{FSM} (8.3 ms) A (Amps)	Max. Reverse Recovery Time T_{rr} (nsec)	Case Length L (Inches)
HVFWB—Standard Recovery 1.0 and 3.0 Amp Glass Passivated Rectifier Assemblies							
2HVFWB5KB	5000	2.0	4.8	0.5	50	—	Fig. 22-1.25
2HVFWB8KB	8000	2.0	7.2	0.5	50	—	Fig. 22-1.25
2HVFWB5KC	5000	2.0	4.8	0.5	50	—	Fig. 23-1.5
2HVFWB10KC	10000	2.0	8.4	0.5	50	—	Fig. 23-1.5
2HVFWB10KD	10000	2.0	8.4	0.5	50	—	Fig. 23-2.0
2HVFWB15KD	15000	2.0	12.0	0.5	50	—	Fig. 23-2.0
2HVFWB15KE	15000	2.0	12.0	0.5	50	—	Fig. 23-2.5
2HVFWB20KE	20000	2.0	18.0	0.5	50	—	Fig. 23-2.5
5HVFWB5KC	5000	5.0	5.2	0.5	150	—	Fig. 23-1.5
5HVFWB7.5KD	7500	5.0	6.5	0.5	150	—	Fig. 23-2.0
5HVFWB5KE	5000	5.0	5.2	0.5	150	—	Fig. 23-2.5
5HVFWB10KE	10000	5.0	10.4	0.5	150	—	Fig. 23-2.5
5HVFWB15KE	15000	5.0	13.0	0.5	150	—	Fig. 23-2.5
HVFWB - F—Fast Recovery 1.0 and 3.0 Amp Glass Passivated Rectifier Assemblies							
1HVFWB5KBF	5000	1.0	7.2	0.3	20	250	Fig. 22-1.25
1HVFWB10KBF	10000	1.0	14.4	0.3	20	250	Fig. 22-1.25
1HVFWB5KCF	5000	1.0	7.2	0.3	20	250	Fig. 23-1.5
1HVFWB10KCF	10000	1.0	14.4	0.3	20	250	Fig. 23-1.5
2HVFWB5KDF	5000	2.0	6.5	0.5	50	150	Fig. 23-2.0
2HVFWB10KDF	10000	2.0	13.0	0.5	50	150	Fig. 23-2.0
2HVFWB10KEF	10000	2.0	13.0	0.5	50	150	Fig. 23-2.5
2HVFWB15KEF	15000	2.0	20.0	0.5	50	150	Fig. 23-2.5
4HVFWB5KCF	5000	4.0	7.0	0.5	100	250	Fig. 23-1.5
4HVFWB5KDF	5000	4.0	7.0	0.5	100	250	Fig. 23-2.0
5HVFWB5KEF	5000	5.0	7.5	0.5	100	250	Fig. 23-2.5
4HVFWB10KEF	10000	4.0	14.0	0.5	100	250	Fig. 23-2.5
HVFWB - UF—Ultra Fast Recovery T_{rr} 75 nsec 1.0 Amp Rectifier Assembly							
2HVFWB5KBUF	5000	2.0	8.0	1.0	35	75	Fig. 22-1.25
2HVFWB8KBUF	8000	2.0	13.0	1.0	35	75	Fig. 22-1.25
2HVFWB5KCUF	5000	2.0	8.0	1.0	35	75	Fig. 23-1.5
2HVFWB10KCUF	10000	2.0	16.0	1.0	35	75	Fig. 23-1.5
2HVFWB10KDUF	10000	2.0	16.0	1.0	35	75	Fig. 23-2.0
2HVFWB15KDUF	15000	2.0	24.0	1.0	35	75	Fig. 23-2.0
2HVFWB15KEUF	15000	2.0	24.0	1.0	35	75	Fig. 23-2.5
2HVFWB20KEUF	20000	2.0	32.0	1.0	35	75	Fig. 23-2.5

Please Note: Faster recoveries available, consult factory. Three Phase Full Wave Bridges available, consult factory. For Solder Turrets Add Suffix "T" For Wire Leads Add Suffix "W"

Figure 22—High Voltage Bridge

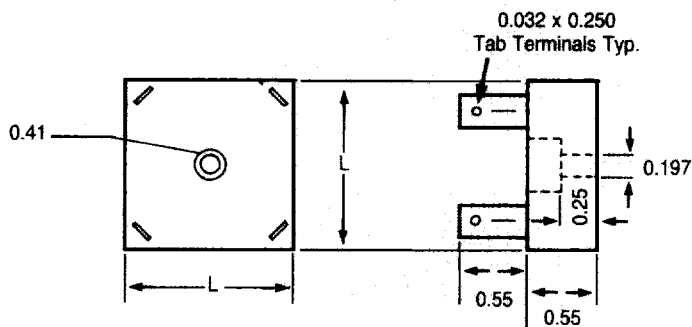


Figure 23—High Voltage Bridge

