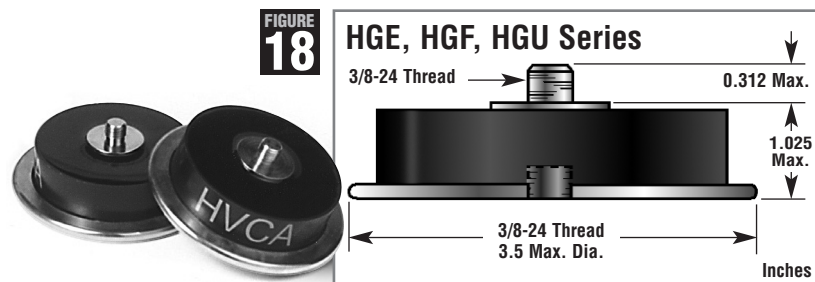
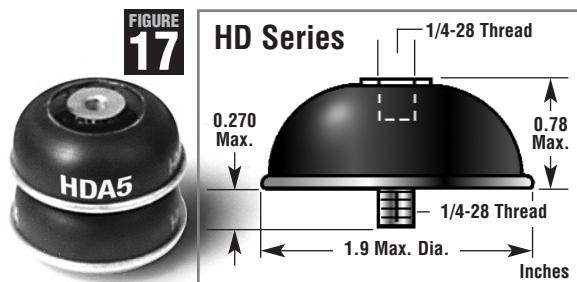




HIGH VOLTAGE MODULAR "HI-BEL" RECTIFIER ASSEMBLY – HD, HGE, HGF & HGU SERIES



HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} V(Volts)	Avg. Forward Current Max. $I_{F(AV)}@T_c75^\circ\text{C}$ A (Amps)	Max. Forward Voltage Drop $V_F@I_F$ V(Volts)	Max. Reverse Current $I_R@V_{RRM}@25^\circ\text{C}$ μA (microAmps)	Max. Surge Current $I_{FSM}(8.3\text{ms})$ A(Amps)	Max. Reverse Recovery Time T_r (nsec)	Figure Number
HD-Standard Recovery Hi-Bel 1.0 and 3.0 Amp Glass Passivated Rectifier Assembly							
HDB2.5	2500	3.0	2.2	0.5	150	-	Fig. 17
HDB5	5000	2.0	4.4	0.5	150	-	Fig. 17
HDA5	5000	1.7	4.5	0.5	150	-	Fig. 17
HDB7.5	7500	1.4	6.6	0.5	150	-	Fig. 17
HDA7.5	7500	1.3	6.6	0.5	150	-	Fig. 17
HDB10	10000	1.2	9.0	0.5	150	-	Fig. 17
HDA10	10000	1.0	9.0	0.5	150	-	Fig. 17
HDA15	15000	0.7	12.0	0.5	50	-	Fig. 17
HDA20	20000	0.6	17.0	0.5	50	-	Fig. 17
HD-Standard Recovery Hi-Bel 6.0 Amp Rectifier Assembly							
HDE2.5	2500	4.0	3.0	5.0	400	-	Fig. 17
HDE5	5000	4.0	5.0	5.0	400	-	Fig. 17
HD-Fast Recovery Hi-Bel 1.0 and 3.0 Amp Glass Passivated Rectifier Assembly							
HDD2.5	2500	2.3	4.0	0.5	100	250	Fig. 17
HDD5	5000	1.5	7.0	0.5	100	250	Fig. 17
HDC5	5000	1.2	7.0	0.5	100	250	Fig. 17
HDD7.5	7500	1.0	11.0	0.5	100	250	Fig. 17
HDC7.5	7500	0.9	11.0	0.5	100	250	Fig. 17
HDC10	10000	0.8	13.0	0.5	50	150	Fig. 17
HDC15	15000	0.6	22.0	0.5	50	150	Fig. 17
HD-Fast Recovery Hi-Bel 6.0 Amp Rectifier Assembly							
HGEF2.5	2500	3.0	3.6	5.0	200	350	Fig. 17
HGEF5	5000	3.0	6.0	5.0	200	350	Fig. 17
HD-Ultra Fast Recovery Hi-Bel Rectifier Assembly							
HDU1.5	1500	1.0	8.0	1.0	50	35	Fig. 17
HDU2	2000	0.9	10.0	1.0	50	35	Fig. 17
HDU3	3000	0.7	15.0	1.0	50	35	Fig. 17
HDV1.5	1500	1.4	8.0	5.0	125	35	Fig. 17
HDV2	2000	1.3	10.0	5.0	125	35	Fig. 17
HDT1	1000	2.5	2.0	10.0	250	50	Fig. 17
HDT1.5	1500	2.0	3.0	10.0	250	50	Fig. 17
HD-Ultra Fast Recovery Hi-Bel 1.0 and 3.0 Amp Rectifier Assembly							
HDAUF5	5000	0.8	5.5	1.0	35	75	Fig. 17
HDBUF5.0	5000	2.25	7.0	5.0	150	75	Fig. 17
HDAUF7.5	7500	0.8	8.8	1.0	35	75	Fig. 17
HDBUF7.5	7500	2.25	11.2	5.0	150	75	Fig. 17
HDAUF10	10000	0.8	11.0	1.0	35	75	Fig. 17
HDAUF15	15000	0.8	17.0	1.0	35	75	Fig. 17
HD-Ultra Super Fast Recovery 1.0 and 2.0 Amp Rectifier Assembly							
HDAUSF5	5000	0.65	7.0	1.0	10	35	Fig. 17
HDBUSF5	5000	1.75	10.0	5.0	60	40	Fig. 17
HDAUSF7.5	7500	0.65	11.2	1.0	10	35	Fig. 17
HDAUSF10	10000	0.65	14.0	5.0	10	35	Fig. 17
HGE-Standard Recovery Hi-Bel Glass Passivated Rectifier Assembly							
HGE2.5	2500	8	3.3	10	200	-	Fig. 18
HGE5	5000	8	5.5	10	200	-	Fig. 18
HGF-Fast Recovery Hi-Bel Glass Passivated Rectifier Assembly							
HGF2.5	2500	8	5.2	10	150	250	Fig. 18
HGF5	5000	8	9.0	10	150	250	Fig. 18
HGU-Ultra Fast Recovery Hi-Bel Glass Passivated Rectifier Assembly							
HGU2	2000	10	6.0	10	250	50	Fig. 18

Please Note: These parts are replacements for Unitrode. Custom parts available, please consult factory.

HV COMPONENT ASSOCIATES

Mailing Address: P.O. Box 848 ■ Farmingdale, NJ 07727 ■ Telephone: (732) 938-4499 ■ Fax: (732) 938-4451 ■ www.hvca.com

16A

DIODES