



HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} Per Leg V(Volts)	Avg. Forward Current Max. $I_{F(AV)}@55^{\circ}C$ A (Amps)	Max. Forward Voltage Drop $V_F@I_F$ Per Leg V(Volts)	Max. Reverse Current $I_R@V_{RRM}@25^{\circ}C$ μA (microAmps)	Max. Surge Current $I_{FSM}(8.3ms)$ A (Amps)	Max. Reverse Recovery Time T_{rr} (nsec)	Case Style Figure Number
HC-Standard Recovery 1.0 Amp Glass Passivated Rectifier Assembly							
HC5	5000	1.0	4.5	0.5	50	-	Fig.14
HC8	8000	1.0	7.2	0.5	50	-	Fig.14
HC10	10000	1.0	9.0	0.5	50	-	Fig.14
HC12	12000	0.8	10.5	0.5	50	-	Fig.14
HC15	15000	0.7	14.0	0.5	50	-	Fig.14
HC20	20000	0.6	18.0	0.5	50	-	Fig.14
3HC-Standard Recovery 3.0 Amp Glass Passivated Rectifier Assembly							
3HC5	5000	2.5	4.8	0.5	150	-	Fig.14
3HC10	10000	2.0	9.0	0.5	150	-	Fig.14
3HC15	15000	1.5	13.2	0.5	150	-	Fig.14
HCF-Fast Recovery T_{rr} 150 nsec 1.0 Amp Glass Passivated Rectifier Assembly							
HCF5	5000	1.0	8.0	0.5	50	150	Fig.14
HCF8	8000	1.0	12.0	0.5	50	150	Fig.14
HCF10	10000	0.8	15.0	0.5	50	150	Fig.14
HCF12	12000	0.7	18.0	0.5	50	150	Fig.14
3HCF-Fast Recovery T_{rr} 250 nsec 3.0 Amp Glass Passivated Rectifier Assembly							
3HCF5	5000	2.0	7.0	0.5	100	250	Fig.14
3HCF10	10000	1.5	13.0	0.5	100	250	Fig.14
HCUF-Ultra Fast Recovery T_{rr} 75 nsec 1.0 Amp Rectifier Assembly							
HCUF5	5000	1.0	5.5	1.0	35	75	Fig.14
HCUF8	8000	1.0	8.8	1.0	35	75	Fig.14
HCUF10	10000	0.8	11.0	1.0	35	75	Fig.14
HCUF12	12000	0.7	13.2	1.0	35	75	Fig.14
HCUF15	15000	0.6	17.0	1.0	35	75	Fig.14
HG-1.0 Amp Glass Passivated Rectifier Assembly							
HG10	10000	1.0	9.0	0.5	50	-	Fig.15
HG15	15000	1.0	14.0	0.5	50	-	Fig.15
HG20	20000	1.0	18.0	0.5	50	-	Fig.15
HG25	25000	0.8	22.0	0.5	50	-	Fig.15
HG30	30000	0.8	28.0	0.5	50	-	Fig.15
HG40	40000	0.8	36.0	0.5	50	-	Fig.15
HG50	50000	0.8	44.0	0.5	50	-	Fig.15
HG*-1.0 Amp Glass Passivated Center Tap and Doubler Assembly							
HG*5	5000	2.0	4.5	0.5	50	-	Fig.15
HG*10	10000	2.0	9.0	0.5	50	-	Fig.15
HG*15	15000	1.6	14.0	0.5	50	-	Fig.15
HG*20	20000	1.6	18.0	0.5	50	-	Fig.15
HG*25	25000	1.6	22.0	0.5	50	-	Fig.15
3HG-3.0 Amp Glass Passivated Rectifier Assembly							
3HG10	10000	2.50	9.0	0.5	150	-	Fig.15
3HG15	15000	2.25	14.0	0.5	150	-	Fig.15
3HG20	20000	2.25	18.0	0.5	150	-	Fig.15
3HG25	25000	2.00	22.0	0.5	150	-	Fig.15
3HG30	30000	2.00	28.0	0.5	150	-	Fig.15
3HG*-3.0 Amp Glass Passivated Center Tap and Doubler Assembly							
3HG*5	5000	5.0	4.8	0.5	150	-	Fig.15
3HG*10	10000	4.5	9.0	0.5	150	-	Fig.15
3HG*15	15000	4.0	14.0	0.5	150	-	Fig.15
3HG*RC-Resistor-Capacitor Compensated 3.0 Amp Glass Passivated Rectifier Assembly							
3HG10RC	10000	3.00	9.0	500	150	-	Fig.15
3HG15RC	15000	2.75	14.0	500	150	-	Fig.15
3HG20RC	20000	2.50	18.0	500	150	-	Fig.15
6HG-6.0 Amp Rectifier Assembly							
6HG10	10000	3.00	10.0	5.0	400	-	Fig.15
6HG15	15000	2.75	15.0	5.0	400	-	Fig.15
6HG20	20000	2.50	20.0	5.0	400	-	Fig.15
6HG*RC-Resistor-Capacitor Compensated 6.0 Amp Rectifier Assembly							
6HG10RC	10000	3.6	10.0	500	400	-	Fig.15
6HG15RC	15000	3.3	15.0	500	400	-	Fig.15
6HG18RC	18000	3.0	18.0	500	400	-	Fig.15

Figure 14—HC, 3HC, 3HCF, HCUF Rectifier Blocks High Voltage, Mounting Slots

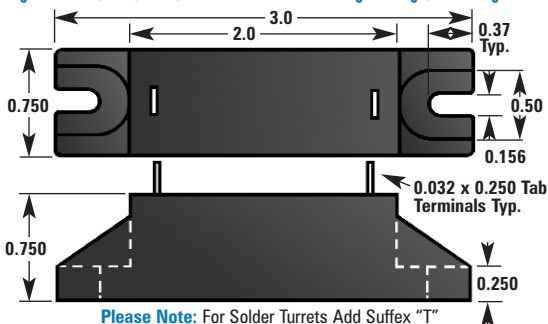
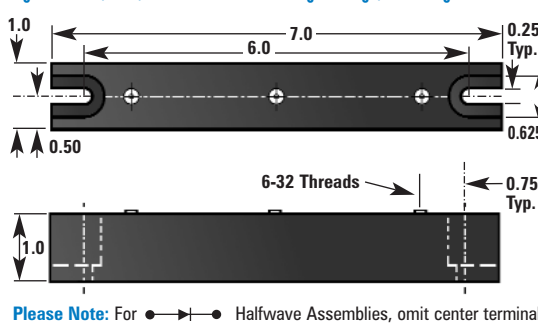


Figure 15—HG, 3HG, 6HG Rectifier Blocks High Voltage, Mounting Slots



Please Note:
 Different Circuit Arrangements are identified by using a **Circuit Code Letter**.
P=Positive Center Tap
N=Negative Center Tap
D=Doubler
Positive Center Tap (HGP*)
 Positive Center Tap 2.0A, 10000V/LEG HGP10
Negative Center Tap (HGN*)
 Negative Center Tap 1.6A, 25000V/LEG HGN25
Doubler (3HGD*)
 (I_{F(AV)} of Doubler is I_{F(AV)} x 0.5)
 Doubler 2.0A, 15000V/LEG 3HGD15

Available with resistor and capacitor or capacitor only compensation.

HV Component Associates

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