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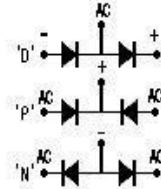
High Voltage Rectifier Blocks With Mounting Slots

Single Phase Bridge
 HG, 3HG, 6HG Series

FEATURES

- Mounting Slots
- Surge Ratings: to 400A
- PIV's: from 5000 to 50000V
- Only Glass Passivated Diodes Used

Notes:
 Different Circuit Arrangements are identified by using a Circuit Code Letter.
 P=Positive Center Tap
 N=Negative Center Tap
 D=Doubler
 For example, for center tap configuration P order HGP-5
 Ifavm of Doubler is Ifavm x 0.5



ABSOLUTE MAXIMUM RATINGS

Peak Inverse Voltage.....5000 to 50000V
 Maximum Average D.C. Output Current.....See Electrical Specifications
 Non-Repetitive Sinusoidal Surge (8.3mS).....See Electrical Specifications

MECHANICAL SPECIFICATIONS

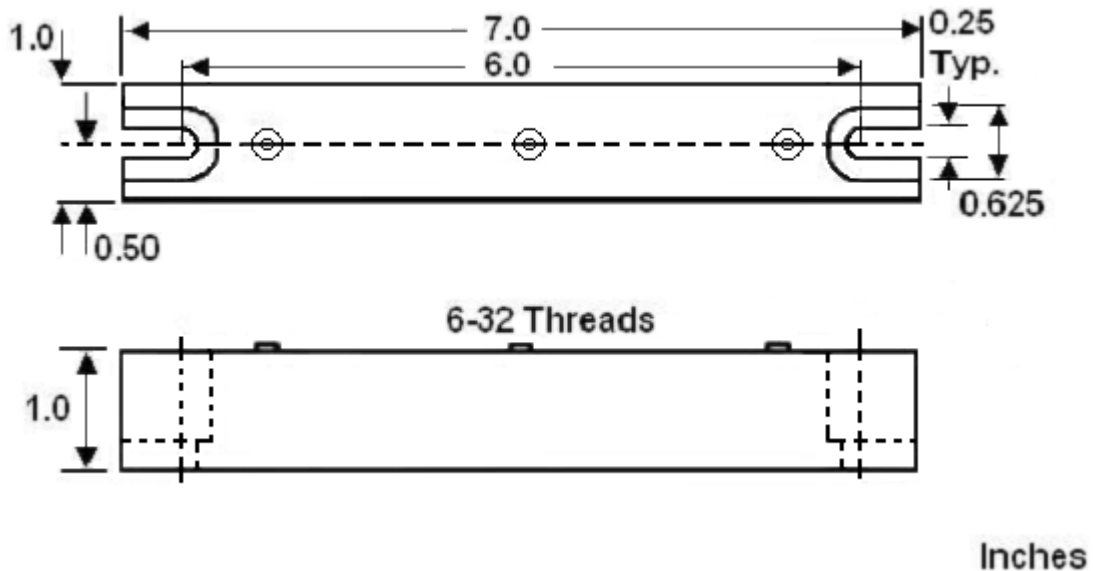


Figure 1.

- Available with resistor and capacitor or capacitor only compensation.
- Add "T" for turret at end of part number.
 Example: 3HG20T
- For Halfwave Assemblies, omit center terminal



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ELECTRICAL SPECIFICATIONS

Specifications					
Part Number	PIV	AVG. Forward Current Max. I_{FAVM}	MAX Forward Voltage $V_F @ I_F$	MAX Reverse Current $I_R @ PIV$	MAX Surge Current I_{FSM}
		$T_A=55^\circ C$		$T_A=25^\circ C$	8.3ms
	Volt	Amp	Volt	μAmp	Amp
HG-1.0 Amp Glass Passivated Rectifier Assembly					
HG10	10000	1.0	9.0	.5	50
HG15	15000	1.0	14.0	.5	50
HG20	20000	1.0	18.0	.5	50
HG25	25000	0.8	22.0	.5	50
HG30	30000	0.8	28.0	.5	50
HG40	40000	0.8	36.0	.5	50
HG50	50000	0.8	44.0	.5	50
HG*-1.0 Amp Glass Passivated Center Tap and Doubler Assembly					
HG_5	5000	2.0	4.5	.5	50
HG_10	10000	2.0	9.0	.5	50
HG_15	15000	1.6	14.0	.5	50
HG_20	20000	1.6	18.0	.5	50
HG_25	25000	1.6	22.0	.5	50
3HG-3.0 Amp Glass Passivated Rectifier Assembly					
3HG10	10000	2.50	9.0	.5	150
3HG15	15000	2.25	14.0	.5	150
3HG20	20000	2.25	18.0	.5	150
3HG25	25000	2.00	22.0	.5	150
3HG30	30000	2.00	28.0	.5	150
3HG*-3.0 Amp Glass Passivated Center Tap and Doubler Assembly					
3HG_5	5000	5.0	4.8	.5	150
3HG_10	10000	4.5	9.0	.5	150
3HG_15	15000	4.0	14.0	.5	150
3HG*RC-Resistor-Capacitor Compensated 3.0 Amp Glass Passivated Rectifier Assembly					
3HG10RC	10000	3.00	9.0	500	150
3HG15RC	15000	2.75	14.0	500	150
3HG20RC	20000	2.50	18.0	500	150
6HG-6.0 Amp Rectifier Assembly					
6HG10	10000	3.00	10.0	5.0	400
6HG15	15000	2.75	15.0	5.0	400
6HG20	20000	2.50	20.0	5.0	400
6HG*RC-Resistor-Capacitor Compensated 6.0 Amp Rectifier Assembly					
6HG10RC	10000	3.6	10.0	500	400
6HG15RC	15000	3.3	15.0	500	400
6HG18RC	18000	3.0	18.0	500	400

Specifications subject to change without notice.

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