



# AHV

High Voltage Power Supplies

## Model 580395

### Triple Output High Voltage CRT Power Supply

#### Description

The American High Voltage Model 580395 CRT power supply was developed for the U.S.A.F.

AHV designed this high reliability power supply as a much needed upgrade for the F-16 Multi-Function Display.

#### Features

- Remote Adjustment and Shutdown
- Arc, Short Circuit and Overvoltage Protection
- Ruggedized Modular Design
- EMI Suppression



American High Voltage

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Phone- (775) 777-0992 Fax- (775) 777-3631

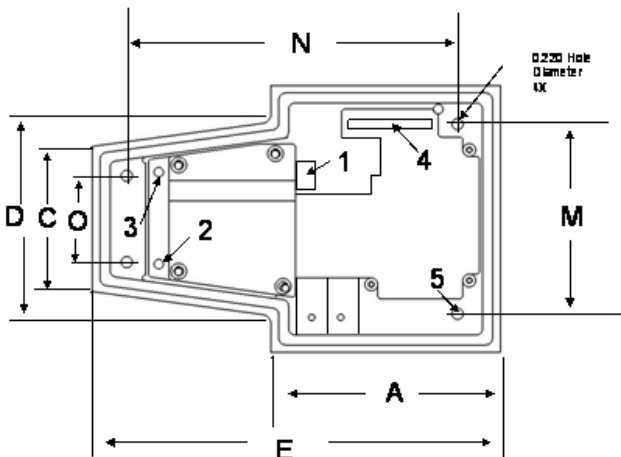
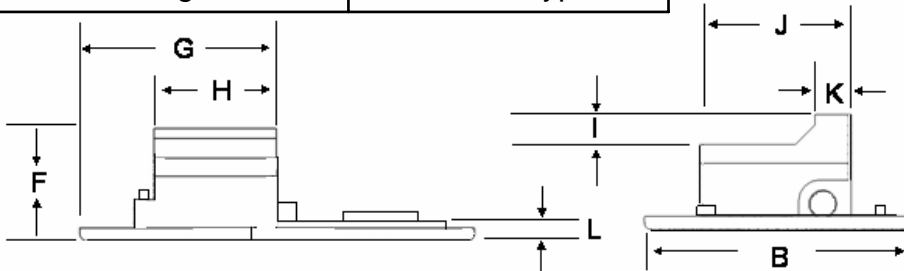
Email- [ahv@ahv.com](mailto:ahv@ahv.com) Web- [www.ahv.com](http://www.ahv.com)

## Triple Output High Voltage CRT Power Supply

### Electrical Characteristics

<b>Input</b>	
Voltage	+/-15, 35 V dc
Current	0.90 A
<b>Anode Output</b>	
Voltage	22 kV dc
Current (Avg)	0.5mA
Ripple	35 V p-p
Line Regulation	+/-2% typ
Load Regulation	+/-2% typ
<b>Focus Output</b>	
Voltage	4 KVdc
Ripple	2 Vp-p
Line Regulation	+/-2% typ
Load Regulation	+/-2% typ

<b>G2 Output</b>	
Voltage	550 V dc
Current	-1- to +50uA
Ripple	0.5 V p-p max
Line Regulation	+/-25% typ
Load Regulation	+/-25% typ



A	4.443
B	5.170
C	2.810
D	4.069
E	7.095
F	2.360
G	2.560
H	1.600
I	0.600
J	3.095
K	0.750
L	0.385
M	3.670
N	6.412
O	1.670

1	HV Anode Connector Reynolds Industries P/N 178-8994 Or Equivalent
2	HV G-2 Connector Reynolds Industries P/N 178-7476 Or Equivalent
3	HV Focus Connector Reynolds Industries P/N 167-9364 Or Equivalent
4	32 Pin Airborne Connector P/N WTAV30PD0JL Or Equivalent
5	Captive Screw Honeywell P/N 8001494-11 Or Equivalent

All Measurements in Inches