



AHV

High Voltage Power Supplies

Model 580352

High Voltage CRT Focus Power Supply

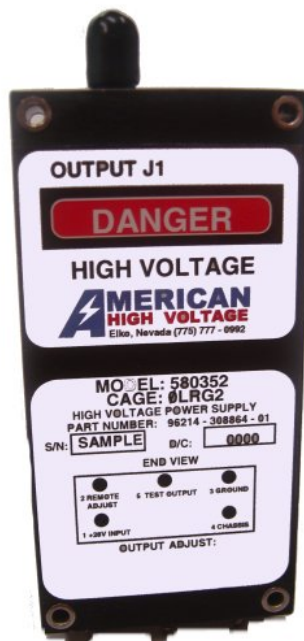
Description

The American High Voltage model 580352 was developed as the CRT focus power supply for the AN/APQ-172 radar display.

The 580352 is ideal for CRT focus applications which require approval for the most extreme environmental conditions.

Features

- Arc, Short Circuit and Overvoltage Protection
- Dynamic Load Regulation
- Ruggedized Modular Design
- EMI Suppression
- Remote Programming



American High Voltage

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Electrical Characteristics

Parameter	Value	Conditions
Input Voltage	25 VDC to 36VDC	50 V Surge 1 Sec. MAX
Input Current	285mA NL, 530mA MAX	Output Short Circuited 200mA DC MAX
Output Voltage	2 KVDC to 3 KVDC	-54 Deg. C to +85 Deg. C (Base Plate)
Output Current	1mA MIN, 1.5mA Peak	60 Sec. MAX Peak
Temperature Coefficient	+/- 0.02% ppm/Deg. C	NL to FL
Static Regulation	40 VDC Maximum DC Output Change	DC Load current Change from NL to 500uA
Line Regulation	+/- 0.1%	6 VDC Max Input Voltage Change
Dynamic Load Regulation	15 VDC Maximum Output Change for 1mA	60 Sec. One-shot Load
Ripple	0.3% p to p MAX	At FL

