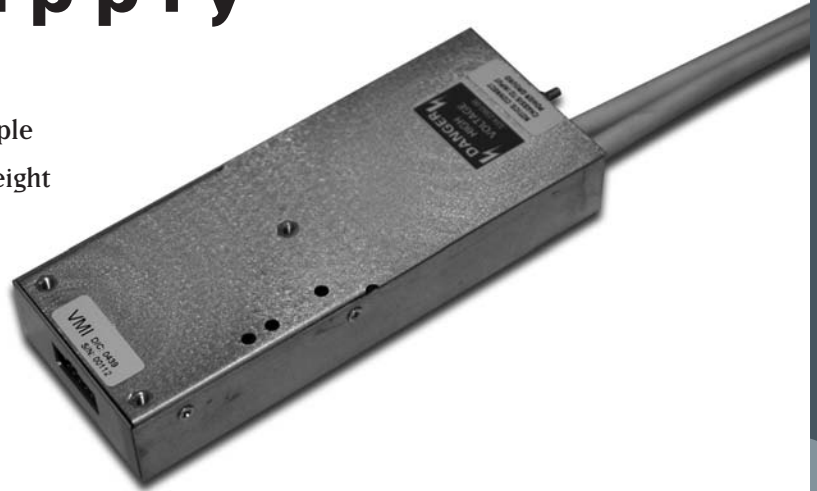


XRS Series

Portable X-Ray Power Supply

Series Features:

- Voltage & current programming
- Voltage & current monitoring
- Excellent load & line regulation
- Fully Shielded
- Low EMI
- Low ripple
- Light weight



FEATURES/SPECIFICATIONS

Electrical Ratings

Part Number	V_{MAX}	I_{MAX}
	kV	μA
XRS040N100	-40	100

Environmental:

- Storage: -25°C to +85°C
- Operating: 0°C to 50°C

XRS Series

The XRS Series power supplies provide up to 4 watts of output power up to -40kV max. The outputs are fully adjustable over the specified operating range. Rugged and light weight, the XRS series brings you the features you need with the proven reliability and quality built into all VMI's products.

Call VMI sales today to discuss your high voltage X-Ray power supply requirements. From standard innovation to custom solutions, VMI is your best choice.

Specifications

Input Voltage:

- 7 - 12VDC

Reverse Polarity Protection:

- Series Diode

Max Power Output:

- 4 Watts

Output Voltage Range:

- -10kVDC to -40kVDC

Output Current:

- 0 to 100uA

Interface Signals:

- Output Voltage Control
- Output Voltage Monitor
- Output Current Control
- Output Current Monitor
- Enable

Filament Voltage:

- 2Vrms nominal

Filament Current:

- 300mA Max.

Output Ripple Voltage:

- <1% peak to peak

Load Regulation:

- 1% for NL to FL change

Line Regulation:

- 1% over input range

0-4V = 0-100%

0-4V = 0-100%

0-4V = 0-100%

0-4V = 0-100%

+5VDC = ON, <1VDC = OFF

1.559.651.1402

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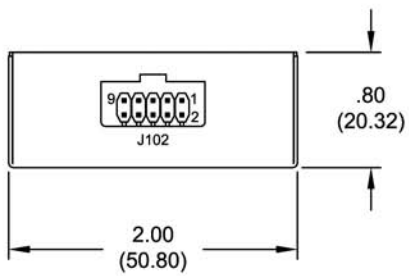
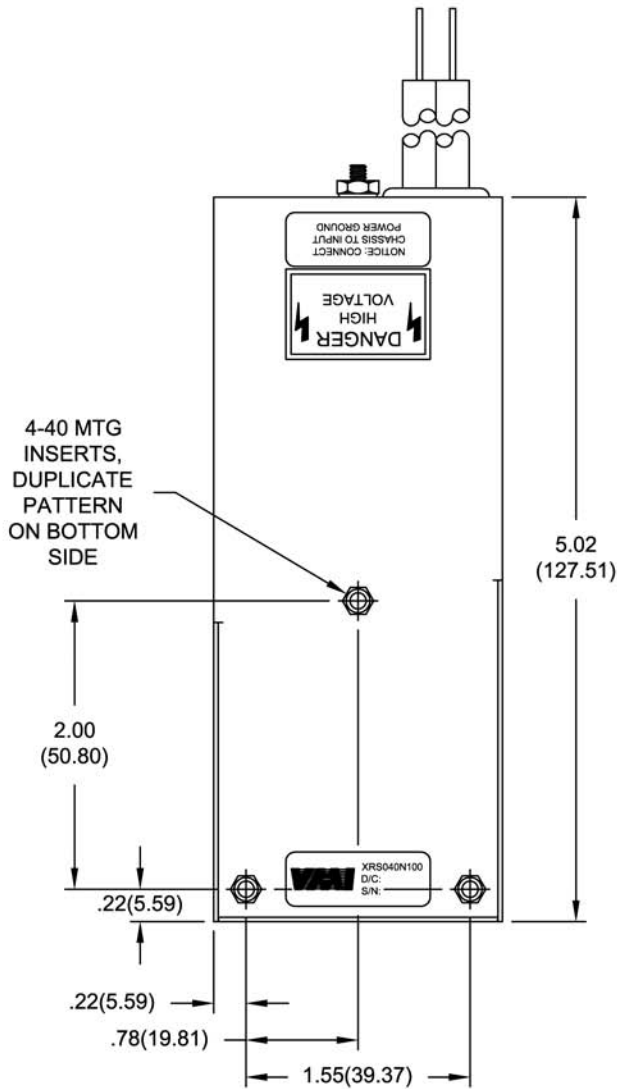


High Voltage Innovation.

XRS Series

XRS040N100

FEATURES/SPECIFICATIONS



J102	
PIN #	FUNCTION
1	10V Input
2	10V Input
3	GND
4	GND
5	Current Control
6	HV Control
7	FIL Ready
8	HV Enable
9	HV Monitor
10	Current Monitor

Dimensions: In. (mm) • Data subject to change without notice.

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High Voltage Innovation.