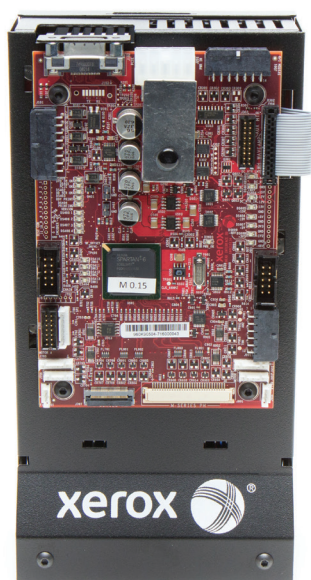


Xerox® Drive Module (XDM)

The XDM is a complete electronics drive system for Xerox® printheads. It features the waveform amplifier and the printhead interface board, and can control many other valves, solenoids or motors.

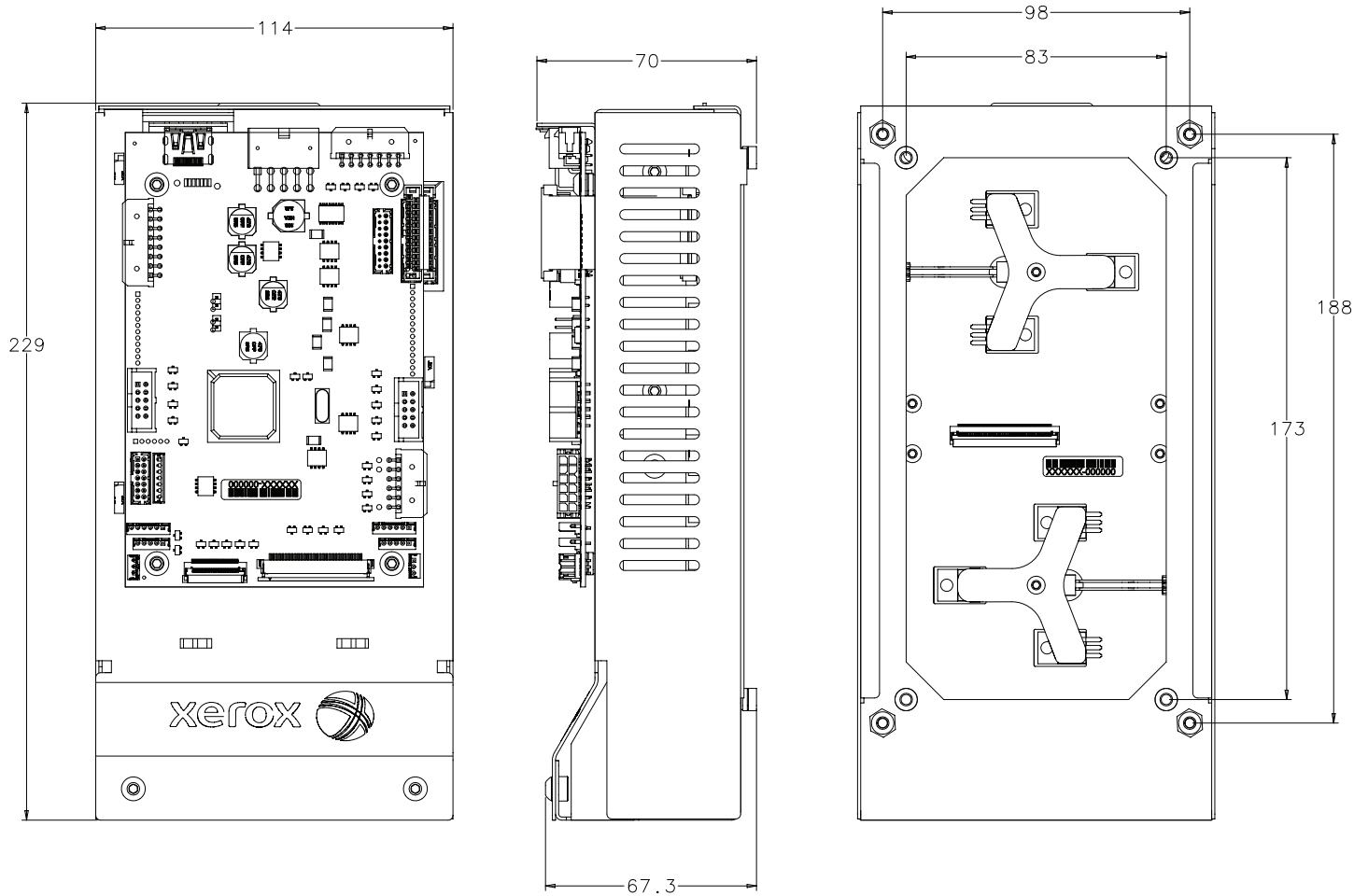
FEATURES AND BENEFITS

- Enables System Integrators to connect the drive module to either the M-Series or W-Series Heads — daisy chain up to 8 heads
- Control components in the solution delivery system, such as pump/valve control
- Automatically send printhead executable commands
- Monitor and control thermals of the printheads
- **Interfaces with the printhead to hide missing jets**



Operating Parameters	Xerox® Drive Module
Compatible Heads	Xerox® W-series and M-series
Thermal Control	Integrated for W-series; M-series with optional daughter board
Interface	PCIe 1 lane over standard HDMI cables, 180MB/s transfer
Software	Custom Xerox® Driver and API, Microsoft Windows OS only
Page Timing Inputs	Quadrature encoder, dot clock and page start, RS422 differential or single ended
Motor Control	Drives two small stepper motors for printhead alignment
Solenoid Control	Up to 4 solenoids, PWM drive voltage
Analog I/O	2 inputs, 3 outputs, 0v-10v
Digital I/O	6 general purpose 3.3v I/O signals
Power Supply Requirements	+5V @ 1.2A +15V @ 1.5A +50V @ 2.2A -50V @ 2.2A 21V - 55V @ 2A (for printhead heating)

XDM BLUEPRINT



Product brochure was printed on a Xerox® Baltoro™ Production Inkjet Press with Xerox® W-Series Printheads.

Xerox has over 30 years of experience manufacturing inks and printheads for a range of printing applications. Let our expertise work for you!

For additional information, please contact us at OEMSales@xerox.com or visit www.xerox.com/Printheads.