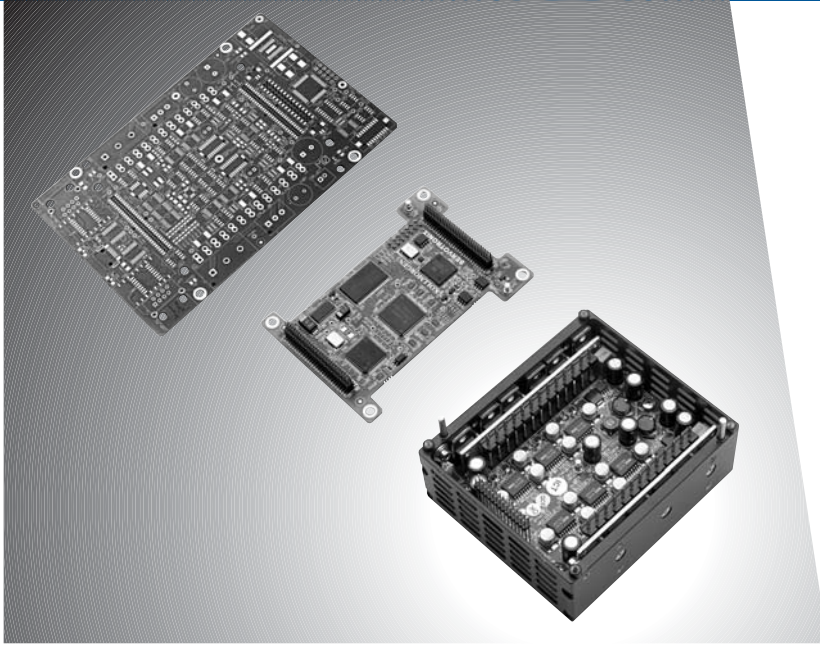


Low Voltage Amplifier

www.DanaherMotion.com



DESCRIPTION

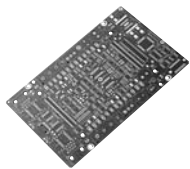
Compact, low voltage dual axis drive.

RATIONALE

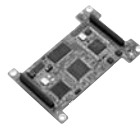
- Low profile, compact product application specific connectors & communication board
- High precision servo performance
- Customer specific algorithms embedded in the product

SOLUTION

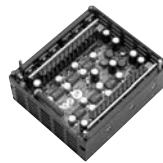
- Dual axis drive
- Customer specific board



Customer specific board



CPU Board



Power Stage

Applications

- Robotics, Medical, Electronics assembly.

FEATURES

Customer Specific board containing:

- Feedback type circuitry
- I/Os circuitry
- Connectors
- Communication circuitry

CPU Board

- Servo Control Fully digital current, velocity and position loops
- Advanced patented sinewave commutation technology provides smooth, precise low- speed control as well as high- speed performance
- Accurate torque control due to precision balanced current loops with closed loop sensors
- Patented torque angle control enhances motor performance
- Velocity loop bandwidths up to 400 Hz
- Motion Options Point- to- point, incremental or absolute, PVT
- Homing functions, Configurable I / O

Robust Design

- Self- protecting power modules
- Full protection against short circuit, over- voltage, under- voltage, motor and drive over- temperature, over- current and feedback loss
- Flexible current foldback protection

Rating

Power supply DC Input	Output Continuous Current Per Phase (RMS/Phase) @ 45°C	Output Peak Current Per Phase (RMS/Phase) 1 sec	DC Line Input Voltage (DC)	Rated Input Power (W)	Rated Output Continuous Power (W)	VBUS
20-60	10	20	48	680	480	48

Logic power supply 24 VDC - 5% at 500 mA

Note: current can be degraded according to the application.

Mechanical Dimensions

box 1.56" (height) X 4" (width) X 3.48" (length)