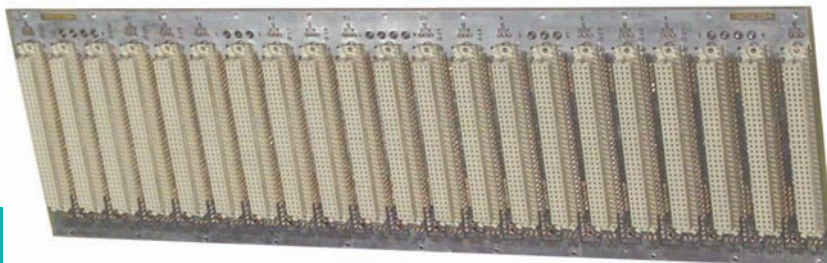




## Vectorbord® Backplanes Uncommitted

### UNIVERSAL UNCOMMITTED BACKPLANES, 96-Pin

Backplanes



Model UM21A3U-20 Universal (uncommitted) 3U backplane

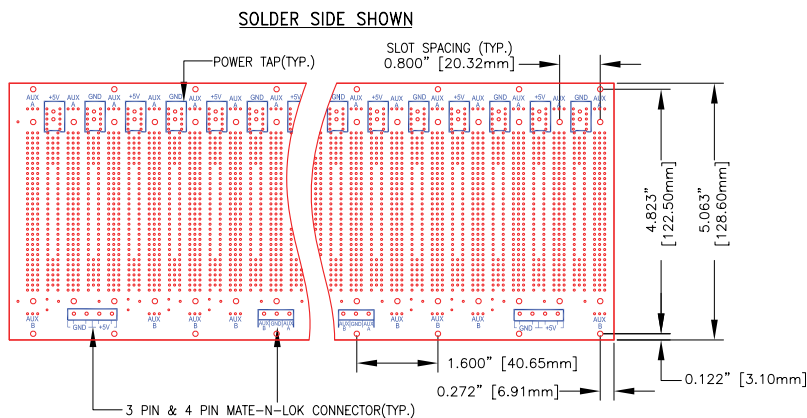
#### 3U Backplanes with 4 Layer Construction

Universal (uncommitted) multilayer backplanes are designed for unique one of a kind applications requiring custom wiring, or for custom development work. They use 96-pin (press-fit type) connectors and conform to DIN 41612, they have three-level wire-wrap length pins on all connector leads. None of the pin positions are committed to power, ground or signal use; your application will dictate these pin assignments.

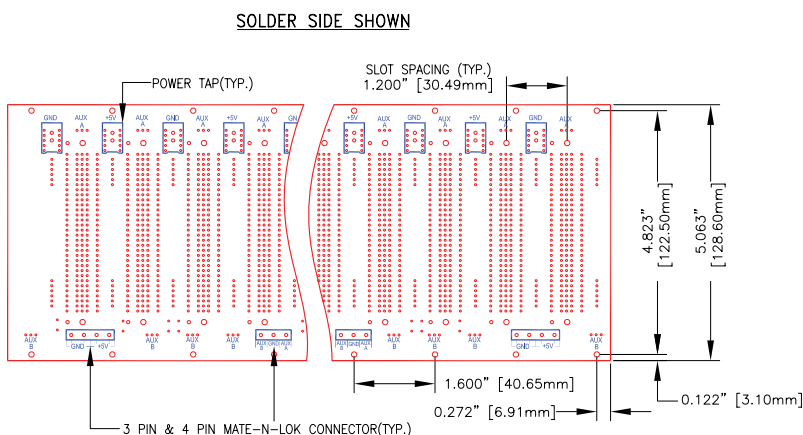
These backplanes are designed for maximum utility by incorporating two parallel rows of ground pins (32 pins per row) for each connector slot and two segment of power pins on one row of 6 pins each (total of 12) for +5V (or main voltage) power pins. Two additional voltage levels may be distributed to the board (as AUX A & AUX B) with these power pins conveniently distributed over the board. Power input by means of power bugs and/or Mate-N-Lock connectors are available.

#### Features Include:

- High performance wire-wrap interconnection
- 3U size can combine into 6U or 9U
- Connector spacing of 4HP (0.8") or 6HP (1.2")
- Handles large power requirements (3 oz. copper planes)
- Wide choice of accessories for interconnection



Dwg. A: 3U version with .8" connector spacing.  
Available with 1.2" spacing.



Dwg. B: 3U with 1.2" connector spacing. Available with .8" spacing in 3U. 3U can combine to 6U or 9U.



#### Backplane Mounting Hardware

Each Set includes:  
M2.5 X 12MM Screw  
#3 Lockwasher  
M2.5 (DIN#125) Flat Washer  
HD56-1 42 sets  
HD56 12 sets



Specification subject to change without notice

GROUND	LAYER 1	3oz
INSULATION		
AUX PWR	LAYER 2	1oz
INSULATION		
POWER	LAYER 3	1oz
INSULATION		
GROUND	LAYER 4	3oz

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