

## Vectorbord® Extenders

DIN Metric Extenders



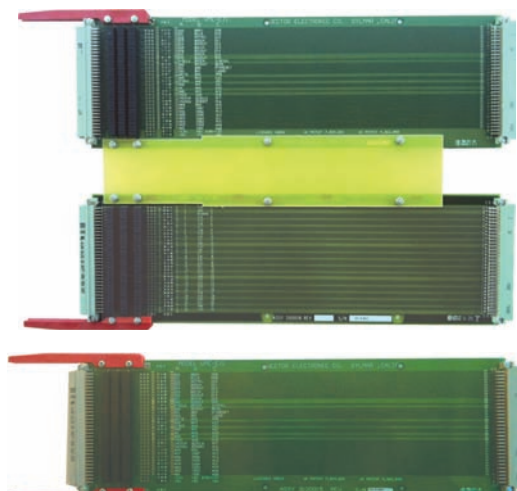
ELECTRONICS & TECHNOLOGY, INC.

### Vectorbord® VME and VME64x Metric Extender Cards (DIN)

All Vector VME and VME64x test extenders are for either 160mm or 220mm depths, 4HP wide installation. Our VME extenders have controlled impedance design and patented signal trace shielding to minimize crosstalk. Jumpers are provided for interrupting signal lines. Mounting pads for additional DIN connectors or testpoint for attachment of bus logic analyzer on either side.

#### Excellent Selection of Options:

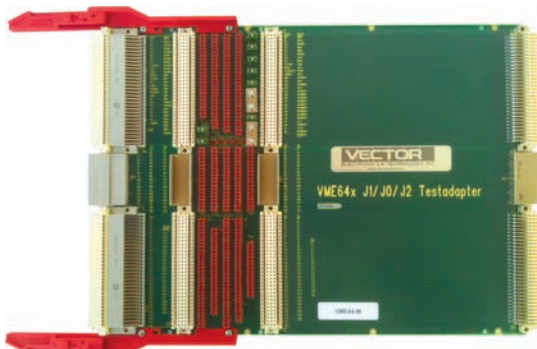
Termination for Vector VMEJ1 and VMEJ2 backplanes (Pages 18,19) can be moved to the VME extenders utilizing the male DIN connector installed. Extender bracket Part No. BR6U can be used to connect J1 and J2 extenders or to connect our blank 3U extender Part No. EB220-3U to either a J1 or J2 backplane to increase rigidity.



VMEEJ1



VMEEJ2



#### VME

##### **VMEE-M**

Length: 11.75" (298mm)  
Height: 9.19" (233.4mm) (6U)  
Material: FR4 Epoxy Glass  
Impedance: Controlled / 3-layer; signal trace shielding  
Current Rating: 5 amps per 10 Deg rise  
Voltage Rating: 200 RMS or 300 VDC  
Jumpers: Included (for signal line interrupt)  
Layer Design: 3 layer; trace shielding for each signal line

##### **3-Row, 96-Pin DIN Connectors**

##### **VMEEJ1 & VMEEJ2 3-Row, 96-Pin DIN Connectors**

Length: 11.75" (298mm)  
Height: 3.94" (100mm) (3U)  
Material: FR4 Epoxy Glass  
Impedance: Controlled / 3-layer; signal trace shielding  
Current Rating: 5 amps per 10 Deg rise  
Voltage Rating: 200 RMS or 300 VDC  
Jumpers: Included (for signal line interrupt)  
Layer Design: 3 layer; trace shielding for each signal line

#### VME64x

##### **VME64-M**

Length: 11.75" (298mm)  
Height: 9.19" (233.4mm) (6U)  
Material: FR4 Epoxy Glass  
Impedance: Controlled / Multilayer signal trace shielding  
Monolithic J1/J2/P0  
EMC-Compliant design  
ANSI/VITA 1.1-1997

##### **5-Row, 160-Pin DIN Connectors**

##### **5210211**

##### **Card Extender Bracket**

Extends 2.40" off board  
Pair of Brackets and mounting hardware

Extenders



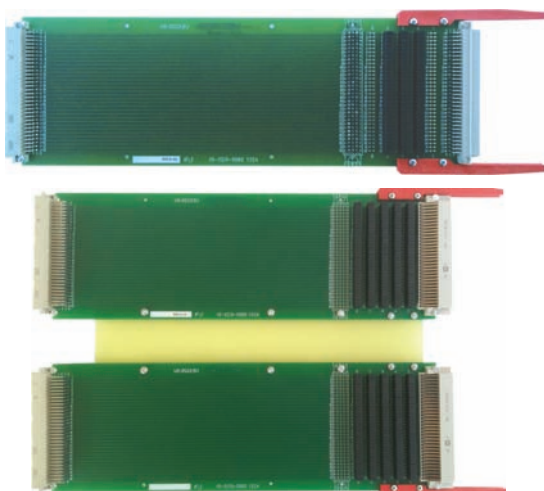
## Vectorbord® Universal Uncommitted Metric Extender Cards (DIN)

Vector uncommitted test extenders are for either 160mm or 220mm depths, 4HP wide installation. They are strictly point-to-point with trace shielding. Available for:

- 64-pin DIN, 2 connector rows, A, B
- 96-pin DIN, 3 connector rows, A, B, C
- 160-pin DIN, 5 connector rows, Z, A, B, C, D

Jumpers are provided for interrupting signal lines. Mounting pads for additional DIN connectors or testpoint for attachment of test specimens on either side.

### UEB220-3U or UEB220-6U, for 96-pin to 96-pin, 3 row DIN 41612

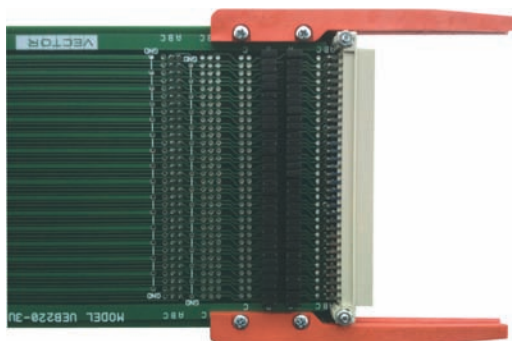


Universal Uncommitted  
UEB220-3U or UEB220-6U 96-Pin DIN, for 220mm cards  
Also: UEB400-3U; UEB400-6U; UEB400-9U  
UEB500-3U; UEB500-6U; UEB500-9U

Length: 11.75" (298mm)  
Material: FR4 Epoxy Glass  
Layers: 4-layer  
Voltages: +5, Aux A & Aux B, GND  
Legends: Included  
Jumpers: Included (for signal line interrupt)  
Layer Design: 3-layer; Interrupt for each signal line



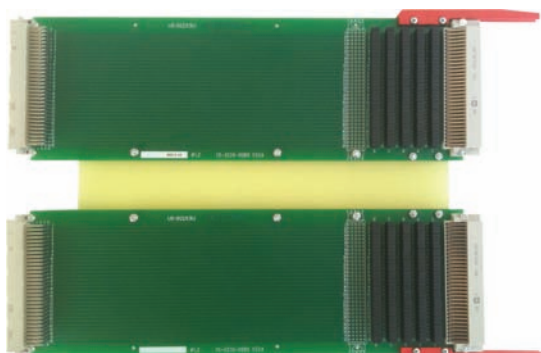
### UEC220-3U or UEC220-6U, for 64-pin to 64-pin, 2 row DIN 41612



Length: 11.75" (298mm)  
Height: 3U, 3.94" (100mm) or 6U (233.35mm)  
Voltages: +5, Aux A & Aux B, GND  
Layer Design: 3-layer; Interrupt for each signal line



### UEX220-3U or UEX220-6U, for 160-pin to 160-pin, 5 row DIN 41612



Length: 11.75" (298mm)  
Height: 3U, 3.94" (100mm) or 6U (233.35mm)  
Voltages: +5, Aux A & Aux B, GND  
Layer Design: 8-layer; Interrupt for each signal line

