

# Vectorbord® Extenders

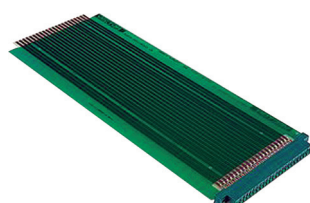


## Card Edge Extenders

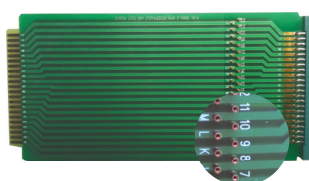
Vectorbord® extender cards provide convenient access to functioning circuit boards for testing. Engineered for quality, Vectorbord® extenders include low insertion force and gold-plated contacts for reliable connection and minimum wear on board.



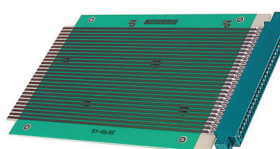
**3690**  
Extension length 6.5"  
22 contacts per side on 0.156" centers  
Fits Vector Series 12 or 13 Subracks  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.092"  
Capacitance: Between traces, 9.0pf  
Length of trace: 4.5pf



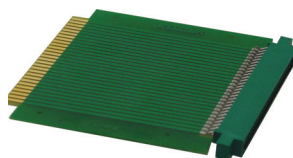
**3690-6**  
Extension length 11.0"  
22 contacts per side on 0.156" centers  
Fits Vector Series 14 Subracks  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.092"  
Capacitance: Between traces, 15.0pf  
Length of trace: 8.0pf



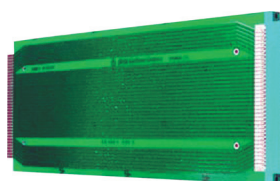
**3690-3**  
Extension length 9.0"  
22 contacts per side on 0.156" centers  
R32 series test points for measuring power or signals, test points numbered and lettered to match connector.  
Fits Vector Series 12 or 13 Subracks  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.092"  
Capacitance: Between traces, 9.0pf  
Length of trace: 4.5pf



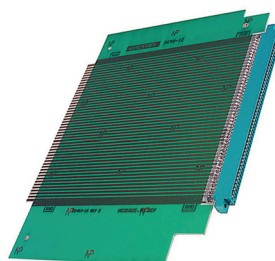
**3690-16** **STDbus**  
Extension length: 6.5"  
28 contacts per side on 0.125" centers  
Fits Vector Series 12 or 13 Subracks  
Also fits STD bus specifications  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.079"  
Capacitance: Between traces, 9.0pf  
Length of trace: 4.5pf



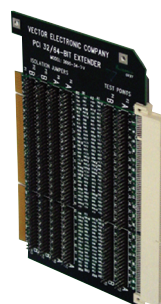
**3690-17** **STDbus**  
Extension length 4.25"  
28 contacts per side on 0.125" centers  
Fits Vector Series 12 Subrack only  
Also fits STD-bus specifications  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.062"  
Capacitance: Between traces, 9.0pf  
Length of trace: 4.5pf



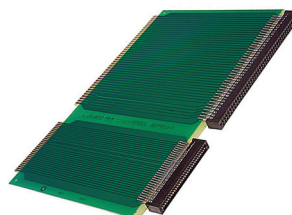
**3690-2**  
Extension length: 11.0"  
36 contacts per side on 0.10" centers  
Fits Vector Series 14 Subracks  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Trace Width: 0.062"  
Capacitance: Between traces, 18.0pf  
Length of trace: 6.3pf



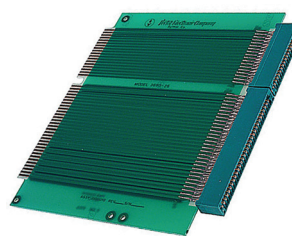
**3690-12** **S100**  
Extension length: 7.5"  
50 contacts per side on 0.125" centers  
Double sided controlled impedance board  
High reliability, gold plated connector (mounted)  
Contact fingers on card are nickel/gold-plated  
2 oz. copper clad, flame retardant epoxy glass composite material - 94V-O-UL classification  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC



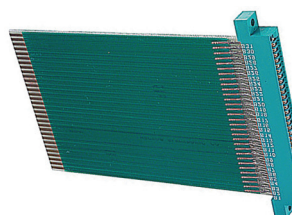
**3690-34-3V or 3690-34-5V** **PCI**  
Extender card for PCI expansion card uses the "universal" pattern for 32/64 bits in the "short-card" size  
Extenders are size and pin compatible with both 5.0V & 3.3V versions respectively  
Length: 6.875" (174.6mm)  
Contacts: 120 Ni/Gold, 0.050" centers (2x60 tabs removed in two areas for keying space)  
Height: 4.2" (106.7mm)  
Layers: 4 Power layers may use 3.3V or 5.0V  
Decoupling Caps: Installed. .1mf, 20%  
Mounting Bracket: Included



**3690-18** **Multibus**  
Extension length: 7.65"  
Double sided controlled impedance board  
30 contacts each side on 0.100" centers and 43 contacts per side on 0.156" centers  
Reliable gold plated connector mounted on top and connected to circuit traces  
Nickel/gold-plated fingers on extender card  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Material: FR4, 2 oz copper clad  
Also functions as cable terminator or experimental plugboard



**3690-26** **IBM AT-ISA**  
Extension length: 5.6"  
Double sided controlled impedance board  
18/31 contacts each side on 0.100" centers  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Test points for mounting probes on each connector line  
Also available 3690-26-1 multilayer extender with decoupling capacitors



**3690-22** **IBM PC, XT**  
Extension length: 5.7"  
Double sided controlled impedance board  
31 contacts each side on 0.100" centers  
Test points for mounting probes on each connector line  
Current rating: 5 amps at 10° F rise  
Voltage rating: 200 RMS or 300 VDC  
Flame retardant laminate construction, 2 oz copper clad

For a list of mating Vector Edge Connectors please see pages 69 and 70.

www.vectorelect.com

800-423-5659



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Extenders