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: 0.062”
- Capacitance: Between traces, 9.0pf
- Length of trace: 4.5pf

**3690-12**
- 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

**3690-12**
- Extension length 7.5”
- 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

**3690-18**
- Extension length 4.25”
- 288 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: 0.062”
- Capacitance: Between traces, 9.0pf
- Length of trace: 4.5pf

**3690-26**
- Extension length 6.875”
- Double sided controlled impedance board
- 18/31 contacts each side on 0.100” centers
- Also fits STD-bus specifications
- 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

**3690-3**
- 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: 0.062”
- Capacitance: Between traces, 9.0pf
- Length of trace: 4.5pf

**3690-22**
- 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.vectorlect.com  800-423-5659