AVX INTERCONNECT
A KYOCERA GROUP COMPANY

Discrete Wire-to-Board (WTB) Insulation Displacement Contact Technology

SELECTOR GUIDE

IDC VIDEO

APPLICATIONS

- Simple/Reliable WTB connections: Replace costly 2-Piece solutions and labor intensive hand soldering
- Component to PCB attachment: Sensors, motors, drives, LED's, switches, solenoids - any leaded device
- Main PCB connections: Power, Ground, Signals

MARKETS

- Industrial: Machine/Motor/Drive Controls, Security, LED/SSL Lighting, Smart Grid/Meters
- Transportation/Automotive: Emergency Vehicle Lighting, Signaling, Off-Road, Sensors
- Medical: Patient Monitoring/Dispensing, Portable Devices
- POS: Terminals, Scanners, Handheld Computers, Data recorders/loggers

ADVANTAGES

- High Performance Phosphor Bronze material and Gas-Tight WTB connection system
- Accepts solid or stranded wires - even uninsulated solid wire component leads
- Meets automotive levels of temperature (125°C), shock and vibration.
- Ability to overmold or pot to meet harsh outdoor/under hood applications
- UL tested and certified
- Broad range of interconnect options in 1p-3p configurations: 12 to 28AWG / 1 to 15 Amps
- Revolutionary single (bare) contact technology to reduce cost without jeopardizing performance

PRODUCTS

Connectors

14-20AWG: Series 9177 (up to 15A)
18-28AWG: Series 9176 & 9176-700 (up to 10A)
26-28AWG: Series 9175 & 9175-700 (up to 1A)

Contacts

12-18AWG: Series 9177 (up to 15A)
18-24AWG: Series 9176-500 (up to 10A)
22-28AWG: Series 9176-400 (up to 6A)

CALL TO ACTION

80% of every product on the market has a minimum of two discrete wires connecting a leaded component or direct power/ground/signal level wires to a printed circuit board:

- What components/devices is your customer connecting to a PCB?
- What leaded components are you currently selling to your customer where you could synergistically be offering the IDC connection to the PCB for a total solution?
- Is your customer placing a header onto a PCB and connecting a costly crimp-to-wire harness (2pc) to the PCB? Propose a cost effective 1pc IDC connection solution
- Designing in IDC is simple: just determine your customers wire gauge and match to one of the AVX series above

QUESTIONS/HELP: Email us at interconnect@avx.com for assistance

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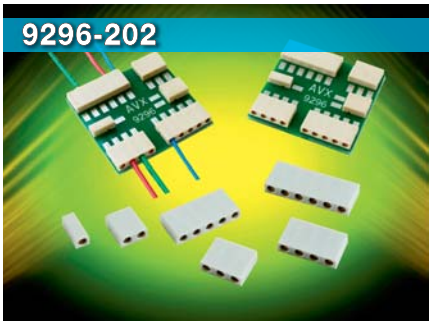
Discrete Wire-to-Board (WTB) Poke-Home Contact Technology



SELECTOR GUIDE

POKE-HOME VIDEO

APPLICATIONS

- Simple/Reliable WTB connections: Replace costly 2-Piece solutions and labor intensive hand soldering
- Component to PCB attachment: Sensors, motors, drives, LED's, switches, solenoids - any leaded device
- Main PCB connections: Power, Ground, Signals

MARKETS

- Industrial: Machine/Motor/Drive Controls, Security, LED/SSL Lighting, Smart Grid/Meters
- Transportation/Automotive: Emergency Vehicle Lighting, Signaling, Off-Road, Sensors
- Medical: Patient Monitoring/Dispensing, Portable Devices
- POS: Terminals, Scanners, Handheld Computers, Data recorders/loggers

ADVANTAGES

- Phosphor Bronze base meterial provides durable and reliable high spring force contact beams
- Accepts solid or stranded wires; strip & insert to connect, twist and pull to remove
- Dual-Beam box contact provides maximum mechanical stability and wire retention
- UL tested and certified
- Broad range of interconnect options in 1p-8p configurations: 12 to 28AWG / 3 to 20 Amps
- Revolutionary single (bare) contact technology to reduce cost without jeopardizing performance

PRODUCTS

Connectors

18-24AWG: Horizontal (Series 9276)
18-26AWG: Vertical Top Entry (Series 9296-553)
18-26AWG: Inverse Thru Board (Series 9296-503)
20-26AWG: Low Profile Horizontal (Series 9296-202)

Contacts

12-28AWG: Horizontal (Series 9296)
18-24AWG: Vertical top/Bottom, (Series 9296-1x3)
22-26AWG: Micro Vertical (Series 9296-1x2)

CALL TO ACTION

80% of every product on the market has a minimum of two discrete wires connecting a leaded component or direct power/ground/signal level wires to a printed circuit board:

- What components/devices is your customer connecting to a PCB?
- What leaded components are you currently selling to your customer where you could synergistically be offering the Poke-Home connection to the PCB for a total solution?
- Is your customer placing a header onto a PCB and connecting a costly crimp-to-wire harness (2pc) to the PCB? Propose a cost effective 1pc IDC connection solution
- Designing in Poke-Home is simple, just determine your customers wire gauge and match to one of the AVX series above

QUESTIONS/HELP: Email us at interconnect@avx.com for assistance