The microSI connector, designed to meet requirements for signal integrity applications, utilizes the design legacy of the M-Series contact system.

MicroSI delivers the reliability customers expect from AirBorn

microSI delivers design flexibility by offering vertical board-mount, right angle board-mount, and cable I/O configurations supporting 1X, 4X, and 8X 100 Ω differential serial buses. Its balanced design limits skew within pairs. The MIL-DTL-83513 (Micro-D) qualified contact system and metal shells ensure ruggedness and durability.

Features & Benefits

• 9 sideband connections included
• Balanced lengths within pairs limit skew
• Configured for serial buses 1x, 4x and 8x
• Contact system has over 30 years of space flight legacy
• Field tested – four independent tine, gold plated contact system offers superior performance and reliability
• High-speed Micro-D optimized up 10 GB/s
• Rugged metal shells and hoods
• Shell ground independent of signal pair grounds
• Shell-to-shell EMI interface gasket
• Versatile product offering includes both genders of vertical board, right angle board, and cable

MSIB-B
SI Performance Summary for Mated, Right-Angle Set

- Far End Crosstalk, Port 1 Driven
- Near End Crosstalk, Port 1 Driven
- Return Loss
- Insertion Loss, Outside Row
- 1x PCB Footprint
- Right Angle
- Vertical

AirBorn
3500 AirBorn Circle — Georgetown, TX  78626
512.863.5585 • www.airborn.com