

## V2M — Vertical Male

V2M signal-integrity connectors are ruggedized 2-row male connectors. With the proven verSI contact system, these connectors can be used in extreme environmental conditions while maintaining high reliability and continuous performance. Pitch: .050" (1.27 mm).



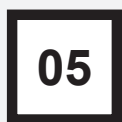
### Sample Part Number Format: V2M-02-05-080-50-00-N



**SERIES**  
Vertical (Male)  
1.27 mm



**ROWS**  
02 – 2 Rows



**COLUMNS**  
05 – 5 Columns



**BOARD SPACING\***  
080 – 8 mm<sup>4</sup>



**CONTACT PLATING**  
50 – 50 µ" Au mating interface



**TERMINATION**  
00 – Press-fit  
01 – Paste-in-hole  
02 – PTH 0.078"  
03 – PTH 0.109"  
04 – PTH 0.140"  
05 – PTH 0.156"  
06 – PTH 0.172"  
10 – SMT - Non-RoHS compliant  
11 – SMT - RoHS compliant



**HARDWARE<sup>1</sup>**  
G – Guide pin<sup>2</sup>  
N – Fixed jacknut<sup>2</sup>  
J – Turning jackscrew<sup>2</sup>  
L – Locking screw<sup>2</sup>  
G1 – Guide pin<sup>3</sup>  
N1 – Fixed jacknut<sup>3</sup>  
J1 – Turning jackscrew<sup>3</sup>  
L1 – Locking screw<sup>3</sup>

### Notes:

See AirBorn spec ESL6155 for additional information.

See AirBorn spec ESL5001 for installation information.

<sup>1</sup>See product spec drawing for replacement hardware kits.

<sup>2</sup>Used for PC board thickness up to 0.125".

<sup>3</sup>Used for PC board thickness 0.125" up to 0.250".

<sup>4</sup>Board spacing 8.29mm.

Hardware supplied loosely installed.

Mates with connector series: V2F and V2C (female).

Dimensions within brackets [X, XX] are in millimeters and for reference only.

Please view product spec drawing V2M-XX-XX-XXX-XX-X on [airborn.com](http://airborn.com) before part configuration for complete product definition.

NOTE: Please consult [airborn.com](http://airborn.com) to configure your part number and for the latest revision controlled drawing and technical data.

## Reliable Contact Every Time

VerSI connectors feature a low-mating-force, high-reliability contact system with four points-of-contact.

The open-pin field design allows flexibility in termination schemes. Single-ended, differential pair, power, and ground are all available in one connector design.

