VSX – Flexible Circuit Jumper Assembly

Pitch: 1.27 mm

VSX flexible circuit jumpers come in standard lengths and wiring configurations, but custom specifications can be requested.

**Contact Rating:** 2 amperes maximum

**Operating Temperature:** -55°C to 125°C

**Min. Contact Wipe:** 1.27 mm (0.050")

**Contact Normal Force:** 35–40 grams

**Max Recommended Voltage:** 200 V, RMS, 60 Hz

**Insulation Resistance:** 5,000 megohms minimum @ 500 VDC

**Durability:** 2500 connector mating cycles

**Sinusoidal Vibration:** 20 g (EIA-364-28, condition IV)

**Shock:** 50 g (EIA-364-28, condition E)

**Sample Part Number Format:** VSX-04-10-50-01G-03A-030

**NOTES**

* Other cable lengths and configurations available.
AirBorn can manufacture other configurations to your exact specifications.

**FEATURES**

versi connectors feature low mating force/high-reliability contact system with four points of contact. The open-pin field design allows for flexibility in termination schemes. Single-ended, differential pair, power, and ground are all available in one connector design.

**MATERIALS and FINISHES**

- **Socket Contact:** BeCu per ASTM B194
- **Pin Contacts:** Phos bronze per ASTM B103 or per BeCu ASTM B768 (press-fit contact)
- **Contact Finish:** Localized gold finish per ASTM B488 over nickel per ASTM B699 Type I
- **Molded Insulators:** Glass-filled liquid crystal polymer (LCP) per ASTM D5138
- **Hardware:** Stainless steel per ASTM A562/A562M or ASTM A320; passivated per ASTM A967, SAE AMS-QQ-P-35

**PERFORMANCE**

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**vsx-PNB-1E**