

FLOXY SERIES FOR NEW SPACE

(LEO, Spacecraft, Rocket, etc.)



KYOCERA AVX's floating connectors absorb displacement, vibration and shock, dramatically improving connection reliability.

Suppresses solder cracks by correcting misalignment, which is impossible with rigid connectors.

"High Reliability"

FloXY

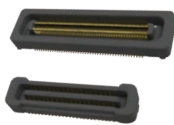
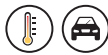


5656 SERIES

Parallel/Vertical
Pitch: 0.5mm
Height: 8.0mm to 20.0mm

"High Reliability"

FloXY



5655 SERIES

Parallel
Pitch: 0.5mm
Height: 4.0mm to 7.0mm

"High Speed"

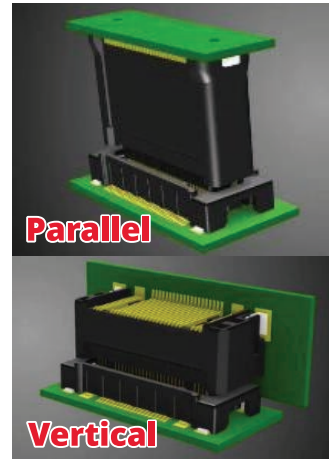
PCIe Gen.4 (16GT/s)

FloXY^{HS}



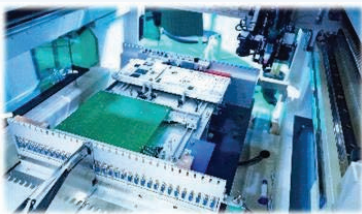
5652 SERIES

Parallel
Pitch: 0.5mm
Height: 15.0mm to 20.0mm

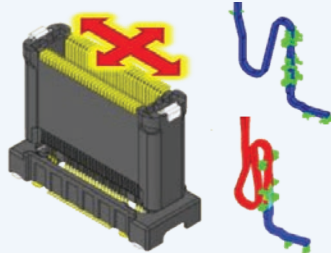


FEATURES

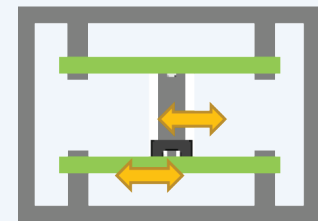
Hand Solder ⇒ SMT



Production Efficiency Improvement **97.6%**



Floating Amount **+/-1.0mm Max.**



Reliability assurance through stress relaxation

Benefits

- **Free** from manual soldering
- **Damage prevention** during assembly
- **PCB deviation absorption** during operation

Both Practically & Reliability

- PASS Environmental Test for **Aerospace***
- Total Ionizing Dose: **10⁵Gy**
- Outgassing test: **ASTM E595**

*Conducted and passed a portion of environmental and mechanical evaluations equivalent to JAXA standard.

Have More Questions? Contact Us Today: https://ele.kyocera.com/en/contact/form_en/



*FLOXY IS A REGISTERED TRADEMARK OF KYOCERA AVX ELECTRONICS COMPONENTS CORPORATION