Mobix Labs Launches New EMI Filtered Connectors for Defense and Aerospace Applications

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ARINC 404 and ARINC 600 connectors are designed to optimize cost, quality and performance

IRVINE, Calif.--(BUSINESS WIRE)--Jul. 9, 2024-- Mobix Labs Inc. (Nasdaq: MOBX), a leader in advanced connectivity solutions, today launched its latest EMI filtered ARINC 404 and ARINC 600 connectors for defense and aerospace applications. These versatile connectors can be customized with planar arrays, ceramic Pi Tubes, or chip capacitors to meet demanding military specifications, ensuring optimal cost, quality and performance.

“Our new filtered ARINC connectors set a new standard in price, performance and customization," said Bob Ydens, General Manager of EM Filters at Mobix Labs. “These products highlight our commitment to delivering cutting-edge solutions that meet the stringent requirements of our aerospace and defense customers. Our engineers are ready to assist with any custom design needs to ensure the highest level of performance and reliability.”

The new connectors are designed to deliver exceptional performance and reliability, featuring advanced EMI filtering options to ensure optimal signal integrity and minimal resonance. They offer insertion loss of 70-80 dB for Pi filters and 50-60 dB for C filters, making them ideal for demanding environments.

Filtered ARINC 404 and ARINC 600 Connector Features

- **Advanced Filtering Options**: Planar arrays, ceramic Pi Tubes or chip capacitors for optimal signal integrity
- **High Insertion Loss**: 70-80 dB for Pi filters and 50-60 dB for C filters in demanding environments
- **Customizable Designs**: Tailored solutions for aerospace and defense applications.
- **Robust Construction**: Designed to withstand high shock, vibration and extreme temperatures
- **Quick Lead Times**: Competitive pricing and industry-leading lead times to meet urgent deadlines

Availability

Mobix Labs' ARINC 404 and ARINC 600 connectors are available for customization to meet specific military and aerospace compliance requirements. For additional information and inquiries, please contact sales@4emi.com.

About Mobix Labs

Based in Irvine, California, Mobix Labs is a fabless semiconductor company delivering advanced wireless and wired connectivity, RF, switching and filtering technologies for next-generation communication systems. Our solutions support aerospace, defense, 5G, medical, industrial and other high-reliability markets. We specialize in electromagnetic interference (EMI) solutions for secure aerospace GPS systems, optical cables for high-speed interconnect and AI datacenters, mmWave radar and imaging for commercial applications, ensuring high performance and reliability in demanding applications. Visit mobixlabs.com and follow us on LinkedIn.

Forward-Looking Statements

This press release contains forward-looking statements. These statements are made under the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995. Statements that are not historical facts, including statements about capturing additional opportunities in the future, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties, and a number of factors could cause actual results to differ materially from those contained in any forward-looking statement, such as Mobix Labs’ ability to deliver the ARICN 404 and ARINC 600 connectors, as well as the potential for an increase in sales volume. In some cases, forward-looking statements can be identified by words or phrases such as “may,” “will,” “expect,” “anticipate,” “target,” “aim,” “estimate,” “intend,” “plan,” “believe,” “potential,” “continue,” “is/are likely to” or other similar expressions. All information provided in this press release is as of the date of this press release, and Mobix Labs undertakes no duty to update such information, except as required under applicable law.

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