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***FOR IMMEDIATE RELEASE***

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## Press Release

### **The Xmultiple ARINC Connectors - Rear Releases/Rear Removable Low Insertion Force Connectors. Available in Environment Resistant and Non-Resistant Versions.**

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**Los Angeles, CA.** – November 17, 2014 – Xmultiple Technologies, Inc. today announced the release of ARINC connectors.



ARINC 600, Rack & Panel connector Series, feature rear release/rear removable low insertion force contacts. The ARINC 600 connectors are available both in environmental resistant and non- resistant versions.

The connectors are available in 3 sizes: size 1 (low profile) and size 2 with 3 gangs only while size 3 comprises 6 gangs (the maximum number of contacts of # 22 is 800).

The ARINC 600 connectors are used mainly in Avionic applications. Filters and protection components are built in as fixed and/or replaceable modules. A diversity of filters and protection types as well as power line filters can be applied to meet RTCA specification.

There are three classes of ARINC Standards:

**ARINC Characteristics:** Define the form, fit, function, and interfaces of avionics, cabin systems, and aircraft networks.

**ARINC Specifications:** Define the physical packaging or mounting of avionics and cabin equipment; communication, networking and data security standards; or a high-level computer language.

**ARINC Reports:** Provide guidelines or general information found by the aviation industry to be preferred practices, often related to avionics maintenance and flight simulator engineering and maintenance.

Xmultiple Technologies offers three shell types to meet the requirements of all ARINC 600 MCU standard sizes:

Shell Type 1 Plug is designed to accommodate a 1 MCU tray or larger

Shell Type 2 Plug is designed to accommodate a 2 MCU tray or larger

Shell Type 3 Plug is designed to accommodate a 4 MCU tray or larger

ARINC 600 Insert connectors are provided in a variety of options. Please call for inserts to match the shell type for your requirement.

### **Xmultiple ARINC 600 Connector Specifications:**

- Fully qualified under Arinc 600 Standards
- Four (4) contact length sizes available
- Temperature range: - 65°C/+125°C
- Temperature life: 1000 hours at 125 °C
- Salt spray: MIL-STD-1344 method 1001.1 test condition B (48 hours)
- Moisture resistance: MIL-STD-1344 method 1002.1 test condition II (10 times 24 hours)
- Sealing: environmental resistance to running water (environmental version only)
- Fluid resistance: resistance to MILSTD-1344 method 1016 (fluids a, e, i)
- Durability: 500 mating and unmating cycles
- Vibration specification conforming to MIL-STD-1344 method 2005.1 test condition 5 letter E. (16,4g from 50 to 2000 Hz, 8 hours per direction)
- 50g 11 ms half sine. MIL-STD-1344 method 2004.1, 3 impacts per direction
- Mating force for 3 connector sizes: size 1: 27 pounds (120 N) max, size 2: 60 pounds (267 N) max, size 3: 105 pounds (467 N) max
- Good performance of environment resistance
- 216 kinds of anti-misoperation styles
- High density up to 800 signal contacts
- Low insertion and extraction force
- Contacts: signal, power, coaxial, triple coaxial, optical fiber
- Mounting panel are insulator modules for free collocation
- Apply to aviation and military equipment cabinet

### **About the Xmultiple Technologies, Inc.**

Xmultiple manufactures precision interface connectors and components. Xmultiple

Technologies was formed specifically to develop interconnection solution products. Xmultiple has become a "Leading Source for Connector Innovation".

The connector product lines include RJ connectors, SATA/eSATA, SIM card connector, SD card connector, USB connector, HDMI connector, Headers, Ribbon connectors, RF connectors/convertors, Combo connectors, DC Power, AC Socket and RJ magnetic connectors with integrated components. Xmultiple's X-SMART connector series of products include combo connectors with RJ/MicroSD, USB/MicroSD, HDMI/MicroSD, eSata/MicroSD and more all used in Smartphones, Tablet computers, desktop, laptop, notebook, telecommunications equipment, networking equipment, video equipment, audio equipment, and many emerging mobile devices. Connectors are an important electronic component for a mobile phone, and their quality is directly related to the quality and reliability of the mobile phone. Connectors are widely applied in industries including automobile, computer, telecommunication, manufacture, consumer electronics, aviation and military industries. Xmultiple is a global manufacturer of connectivity products supporting all applications and requirements for all these industries. Xmultiple is headquartered in the United States with multiple manufacturing factories throughout Asia.

For More Information Contact:

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