



FOR IMMEDIATE RELEASE

Radiall introduces the Arinc 600 Cost effective NSX Connector

October 2013 - Radiall, a global leader in design, development and manufacturing of innovative interconnect solutions, introduces the Arinc 600 Cost Effective NSX Connector. Radiall's Arinc 600 budget conscience NSX receptacle connectors feature selective gold plating and new monoblock insert technology that helps reduce costs, without compromising performance.

Radiall's cost effective solution offers a unique 3 points contact technology to provide better electrical connection and more efficient re-alignment of the pin contacts. The insert's unique design supports basic movement of the contacts inside the cavity to provide mechanical play and offer same mating force as traditional Arinc 600 connectors.

Fully integrated to Radiall's NSX range of Arinc 600 connectors which includes more than 40 insert options, this new Cost Effective solution is available for receptacle connectors with 100 and/or 150 point insert arrangements in 4 different contact lengths.

Specifications (General):

Fully qualified under Arinc 600 specifications, Radiall's Cost Effective NSX will offer the follow characteristics:

- 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
- Random vibration: 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
- 4 contact length sizes available

For further information on the new Arinc 600 Cost Effective solution, please contact a Radiall sales representative, Distributor or visit www.radiall.com

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About Radiall

Radiall is a global manufacturer of leading-edge interconnect solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India, and China.

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