



FOR IMMEDIATE RELEASE

Radiall's Innovative Contact Design Lowers the Costs of ARINC 600 Connectors

December 2010 - Aimed at helping manufacturers achieve costs reductions, the new Radiall NSX series Size 22 socket contact helps reduce the cost of ARINC 600 connectors. Because of the large number of contacts in many ARINC 600 connectors, any reduction in contact costs can significantly affect the overall connector costs. The contact combines a stamped and rolled clip inside a screw machined body. Use of stamped and rolled parts considerably reduces the manufacturing complexity—and the cost—of the contacts. The PC tail contacts are completely intermateable with existing ARINC 600 plug connectors, are compatible with existing pc board layouts, and are fully qualified under ARINC 600 specifications.

The stamped and rolled clip provides low insertion force and low electrical resistance through the use of three points of electrical contact, in contrast to the two points of traditional screw machined contacts. The new design also avoids stubbing since the three spring center the pin during mating.

The clip members are plated with 50 microinches of gold, with flash gold on the contact body to eliminate tin-lead and achieve RoHS compatibility.

In addition to the contact, a new one-piece insert offers additional cost reductions by replacing the traditional two-piece design and eliminating the complex manufacturing and assembly. Inserts are supplied filled with non-removable contacts to customer specifications; empty cavities can also be loaded later. The new Radiall NSX contacts are also available in a removable version for use with existing two-piece inserts.

###

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.

For more information contact

Europe & Asia

Radiall SA
25 Rue Madeleine Vionnet
93300 Aubervilliers, France
Tel: +33 (0)1 49 35 35 35
E-mail: infofr@radiall.com

North America

Radiall USA, Inc.
8950 S. 52nd Street, Suite 401
Tempe, Arizona 85284
Sales: 480-682-9400
E-mail: infousa@radiall.com

Editorial contact

Gillian Floyd

MarCom
Radiall USA, Inc.
Tel: 480-682-9452 Email: gillian.floyd@radiall.com