



SOURIAU PA&E Announces New Hermetic Mini-Micro-D

27% Lower Profile than Standard Micro-D Connectors

Wenatchee, WA – Nov. 9, 2011 – Design engineers who need to reduce component size and weight without compromising electrical performance have a new hermetic connector option, following the release of SOURIAU PA&E's new Mini Micro-D Connector.

These new Mini-Micro-D connectors are designed for space, airborne, down-hole oil and any other hermetic applications where reducing size and weight are priorities. They have a 27% lower profile than standard Micro-D connectors and are designed to be laser welded into aluminum, titanium or kovar housings. These new hermetic connectors are MIL-PRF-83513/7 interface compliant and mate with connectors manufactured to MIL-PRF-83513/8.



SOURIAU PA&E's Mini Micro-D connectors can be configured with 9, 15, 21, 25, 31 and 37 pin counts. Its beryllium-copper pins support 600 VAC and 3A per pin and each pin is hermetically sealed with SOURIAU PA&E's polycrystalline ceramic, Kryoflex[®]. They provide greater than 5,000 megohms of insulation resistance at 500 VDC and exhibit no evidence of dielectric withstanding voltage breakdown when tested in accordance with MIL-STD-1344, Method 3003. These new hermetic Micro-D connectors have a leak rate of less than 1×10^{-9} cc/second of helium at one atmospheric differential pressure and will operate reliably at temperatures from -65° C to 200° C.

CAD models and detailed drawings for hermetic Mini Micro-D connectors are available [here](#) (part number 94594).

For more information about this new hermetic Mini Micro-D connector from SOURIAU PA&E, or to learn more about the company's other interconnect products, EMI filters, and integrated electronic packaging capabilities, contact SOURIAU PA&E at 509-664-8000 or visit us at <http://www.pacaero.com>.

SOURIAU PA&E, Inc. is an integrated manufacturing company, specializing in technically demanding ceramic and metal components and assemblies, hermetic connectors and advanced hermetic electronic packaging for global leaders in the defense, space, medical and commercial industries. SOURIAU PA&E is ISO 9001:2008/AS9100 Rev B certified and NADCAP compliant.

SOURIAU PA&E – 434 Olds Station Road – Wenatchee, WA – 98801 – Tel: 509-664-8000 –

Fax: 509-664-6868

###