These Micro-D connectors meet the same interface requirements as our robust mil-spec compliant connectors. The controlled CTE characteristics, chemical bonding properties and polycrystalline structure of Kryoflex®, allow PA&E to use gold plated beryllium copper contacts for excellent electrical performance and environmental characteristics.

- **Lightweight**  ■  All aluminum shells available
- **High Performance**  ■  Copper alloy pins, ceramic sealing
- **Reliable**  ■  Laser weld installation

Aluminum Micro-D Connectors
Hermetic DC Connectors

Description
PA&E’s technology is proven in the harshest environments – from deep beneath the earth’s surface to deep space and even within the human body. Our 38999 style connector provide a unique solution for application that require a combination of light weight, and high electrical performance.

Applications
- Defense Aircraft
- Airborne Weapons Systems
- Launch Vehicles
- Satellites

Technical Features

<table>
<thead>
<tr>
<th>Materials</th>
<th>Electrical</th>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material Compatibility:</strong> Designed for Aluminum Applications</td>
<td><strong>Current Rating:</strong> Subject to Pin Configuration</td>
<td><strong>Operating Temperature:</strong> -55°C to 125°C</td>
</tr>
<tr>
<td><strong>Shell Finish Options:</strong> Chromate Conversion Coated per MIL-C-5541</td>
<td><strong>Insulation Resistance:</strong> Provides Greater Than 5,000 Megohms at 500 VDC When Tested in IAW MIL-STD-1344, Method 3003</td>
<td><strong>Salt Spray Resistance:</strong> Connectors Meet Salt Spray Test in IAW MIL-STD-1344, Method 3003</td>
</tr>
<tr>
<td><strong>Contact Material:</strong> Beryllium Copper CDA Alloy 172/173</td>
<td><strong>Dielectric Withstanding Voltage:</strong> Exhibits No Evidence of Breakdown or Flash-over When Tested in IAW MIL-STD-1344, Method 3003</td>
<td><strong>Sealing:</strong> Kryoflex Polycrystalline Ceramic</td>
</tr>
<tr>
<td><strong>Contact Finish:</strong> Nickel/Gold Plating</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For further information contact us at sales@pacaero.com or visit our web site www.pacaero.com