NOTES:
1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC H2 AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - Insulation Resistance: Greater than 5,000 Megohms at 500±10% VDC at 25°C
     when tested IAW MIL-STD-1344, Method 3003.
   - Dielectric Withstanding Voltage: Must show no evidence of breakdown or flashover
     when subjected to 600 VAC RMS 60Hz IAW MIL-STD-1344, Method 3001.
     Duration of application to be 1 sec min.
6. MATERIALS:
   - Weld Flange: 4XXX Series Aluminum.
   - Contacts: Beryllium-Copper IAW ASTM B196 or ASTM B197.
   - Insulators: Kryoflex 313 Proprietary Polycrystalline Ceramic.
   - Interfacial Seal: Fluorosilicone Rubber IAW MIL-R-25988, Class I, Type II, Grade 60.
   - Helical Inserts: 300-Series Stainless Steel.
7. FINISH:
   - Contacts: Electrolytic Nickel Plate IAW QQ-N-290, 0.000050/.000150 Thick.
     Gold Plate IAW MIL-G-45204, Type II, Grade C, .000030/.000150 Thick.
   - Shell: Chemical Conversion Coat IAW MIL-C-5541, Class I A.
8. ORDERING INFORMATION:
   Please specify according to the following
   92241 - I

HOLE DETAIL