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 1 x 10^{-9} CC/SEC He 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:
   - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4032 OR 4047 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, 0.000100/.000250 THICK.
   - HOT SOLDER DIP BENT PIN (VACUUM SIDE) PINS.
   - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.
8. INTERFACIAL SEAL SHIPPED LOOSE AND UNASSEMBLED WITH CONNECTOR.
9. TEMPORARY BACKSIDE BOARD TO BE REMOVED PRIOR TO ASSEMBLY.
10. ORDERING INFORMATION:
    PLEASE SPECIFY ACCORDING TO THE FOLLOWING
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