NOTES:
1. 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 A 304L S.ST. HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500V±10% VDC AT 25°C
   WHEN TESTED IAM MIL-STD-1344, METHOD 3003.
   DIELECTRIC WITHSTANDING VOLTAGE: MUST SHOW NO EVIDENCE OF BREAKDOWN OR FLASHOVER
   WHEN SUBJECTED TO 600 VAC RMS 60Hz IAM MIL-STD-1344, METHOD 3001.
   DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   WELD FLANGE: 304L STAINLESS STEEL.
   CONTACTS: BERYLLIUM-COPPER IAW ASTM 8196 OR ASTM 8197.
   INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAM MIL-R-25988, CLASS I, TYPE II, GRADE 60.
7. WIRE BOND FLATS SHALL BE .030 MIN. LONG AND .010 MIN. WIDE.
8. FINISH:
   CONTACTS: ELECTROLYTIC NICKEL PLATE IAM QQ-N-290, .000100/.000200 THICK.
   GOLD PLATE IAM ASTM B488, TYPE III, GRADE A, .000100/.000175 THICK.
9. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   NUMBER OF CONTACTS
   9 15 21 25 31 37
   --- --- --- --- --- ---
   BASE PART NUMBER

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4X R 0.094±0.005
0.015±0.002
0.003 MAX EDGE BREAK

RECOMMENDED HOLE DETAIL

WELD FLANGE
INTERFACIAL SEAL
CONTACT
INSULATOR

WWW.PACAERO.COM
304 Olds Station Rd. Wenatchee WA 98801
PRO/ENGINEER

CONNECTOR, MICRO-D, CUSTOM, S.ST.

SALES DRAWING

434 Olds Station Rd. Wenatchee WA 98801
PRO/ENGINEER