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 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:
   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:
   SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING:
   93854 - X
   NUMBER OF CONTACTS (9, 15, 25, 31, OR 37)
   BASE PART NUMBER TO ORDER

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TABLE I

SALES DRAWING

434 Olds Station Rd, Wenatchee WA 98801
WWW.PACAOEO.COM

THIRD ANGLE PROJECTION

WELD FLANGE

WELD FLANGE

HELICAL INSERT

HELIACAL INSERT

INTERFACIAL SEAL

SECT ION A-A

HOLE DETAIL

SCALE 1.500

1-15 SHOWN

SECT ION A-A

WELD FLANGE

WELD FLANGE

SCALE 1.000

1-37 SHOWN

SHEET: 1 of 1

DOCUMENT: 0-93854