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. WIRE BOND FLATS SHALL BE .015 MIN LONG, .010 MIN WIDE, AND .007 MIN THICK.
5. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
6. 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.
7. MATERIALS:
   - WELD FLANGE: 4XXX SERIES ALUMINUM.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
8. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, 0.000050/.000150 THICK.
   - GOLD PLATE IAW ASTM B488, TYPE I, CODE A, .000050/.000150 THICK.
   - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.
9. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   - BASE PART NUMBER TO ORDER
     - 92924 - X - L
     SPECIFY L FOR LOCKING HELICAL INSERT
     LEAVE BLANK FOR NON-LOCKING HELICAL INSERT

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WARNING - THIS DOCUMENT CONTAINS TECHNICAL DATA, EXPORT OF WHICH IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS (EAR). DISCLOSURE TO FOREIGN PERSONS WITHOUT PRIOR U.S. GOVERNMENT APPROVAL IS PROHIBITED. VIOLATIONS OF THE EXPORT LAWS AND REGULATIONS ARE SUBJECT TO SEVERE CIVIL AND CRIMINAL PENALTIES.