1. HOLES AND INTERFACE DIMENSIONS PER MIL-DTL-32139/4.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-DTL-32139/3.
3. DESIGNED TO BE LASER WELDED TO TITANIUM HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10⁻⁸ 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 605 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 TITANIUM.
   CONTACTS: 303 STAINLESS STEEL IAW SAE-AMS 5640R, TYPE I.
   INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   INSERT: 300-SERIES STAINLESS STEEL.
7. FINISH:
   ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, OR EQUIVALENT, .000100/.000250 THICK.
   GOLD PLATE IAW ASTM-B488, TYPE 111, CODE A, OR EQUIVALENT, .000075/.000125 THICK.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING

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### SECTION A-A

- Z±.001
- .028±.003
- .155±.005

### LOW PROFILE CONFIGURATION

- SCALE 2.000

- (LOW PROFILE)

### STANDARD PROFILE CONFIGURATION

- SCALE 2.000

- (STANDARD PROFILE)