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 O-RING SEALED AND FASTENED WITH HARDWARE.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1 \times 10^{-9} \text{ cc/sec He at 1 atm differential pressure.}
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500\pm10\% VDC AT 25\degree 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: 304L STAINLESS STEEL.
   - CONTACTS: BERYLLIUM-COPPER IAW ASTM 8196 OR ASTM 8197.
   - INSULATORS: KRYOFLUX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
   - MALE-FEMALE HEX STANDOFFS: 300-SERIES STAINLESS STEEL.
7. FINISHES:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM G488, TYPE II, GRADE C OR MIL-G-45204, TYPE II, GRADE C, .000050/.000150 THICK.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   93413-1
   PART NUMBER TO ORDER

434 Otho Station Rd. Wenatchee WA 98801

WWW.PACEREO.COM

CONNECTOR, MICRO-D, O-RING MOUNT, 51 PIN

SALES DRAWING

TITLE: THIRD ANGLE PROJECTION
CAGE CODE: 64567

VERS 0-93413