

NOTES:

- HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
- MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
- DESIGNED TO BE LASER WELDED TO AN TITANIUM HOUSING.
- HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
- ELECTRICAL REQUIREMENTS:

INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ 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.

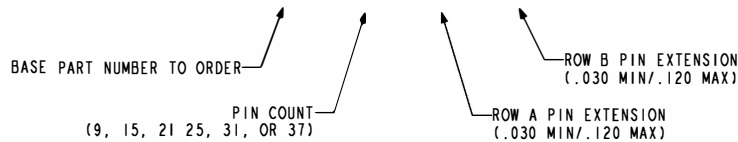
- MATERIALS:
 WELD FLANGE: TITANIUM.
 CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
 INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.

- FINISH:
 CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000200 THICK.
 GOLD PLATE IAW ASTM-B488, TYPE I, CODE A, .000050/.000150 THICK.

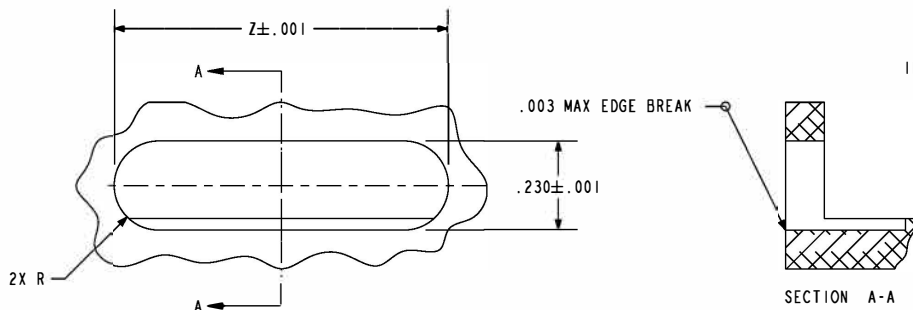
8. ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING

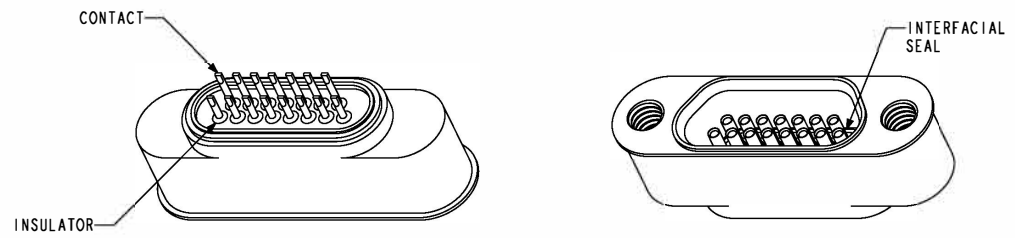
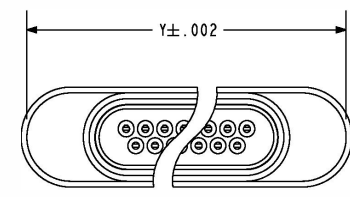
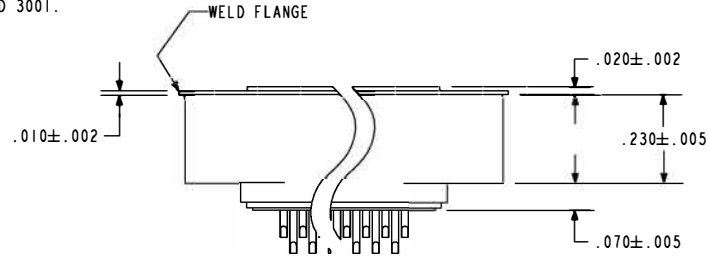
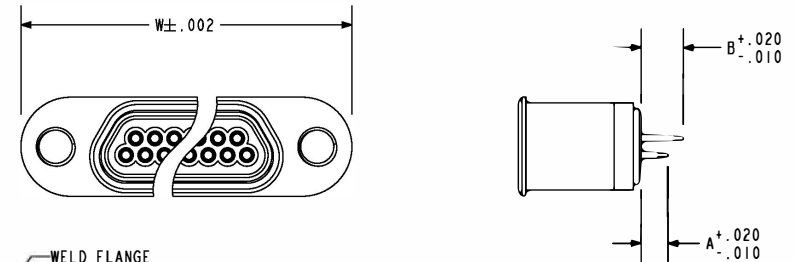
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NUMBER OF CONTACTS	W	Y	Z
9	.745	.715	.718
15	.895	.865	.868
21	1.045	1.015	1.018
25	1.145	1.115	1.118
31	1.295	1.265	1.268
37	1.445	1.415	1.418



RECOMMENDED HOLE DETAIL





434 Olds Station Rd. Wenatchee WA 98801

WWW.PACAERO.COM

TITLE: CONNECTOR, MICRO-D, TI-COMPATIBLE, FLANGE, LOW-PROFILE, W/FLATS

THIRD ANGLE PROJECTION

CAGE CODE: 64567

SALES DRAI

A Division of HERMETIC SOLUTIONS 22
Enabling Technology

ENGINEER

VERSION: B.1
 RELEASE DATE: 01-12-11