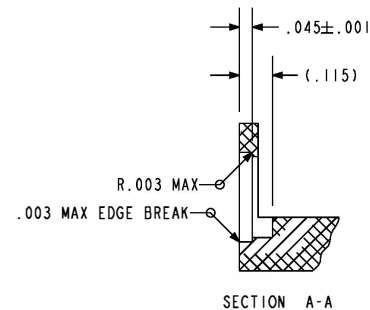
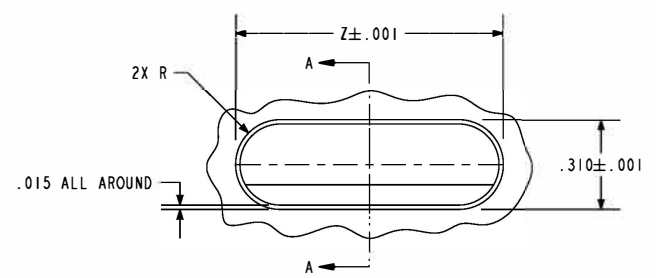


NOTES:

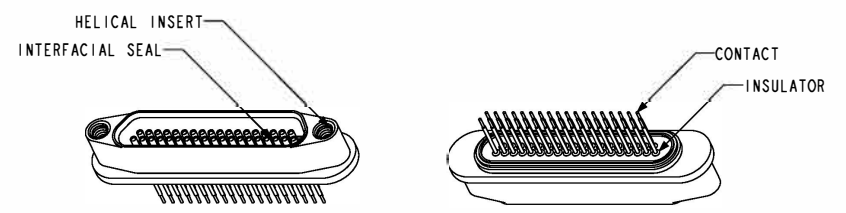
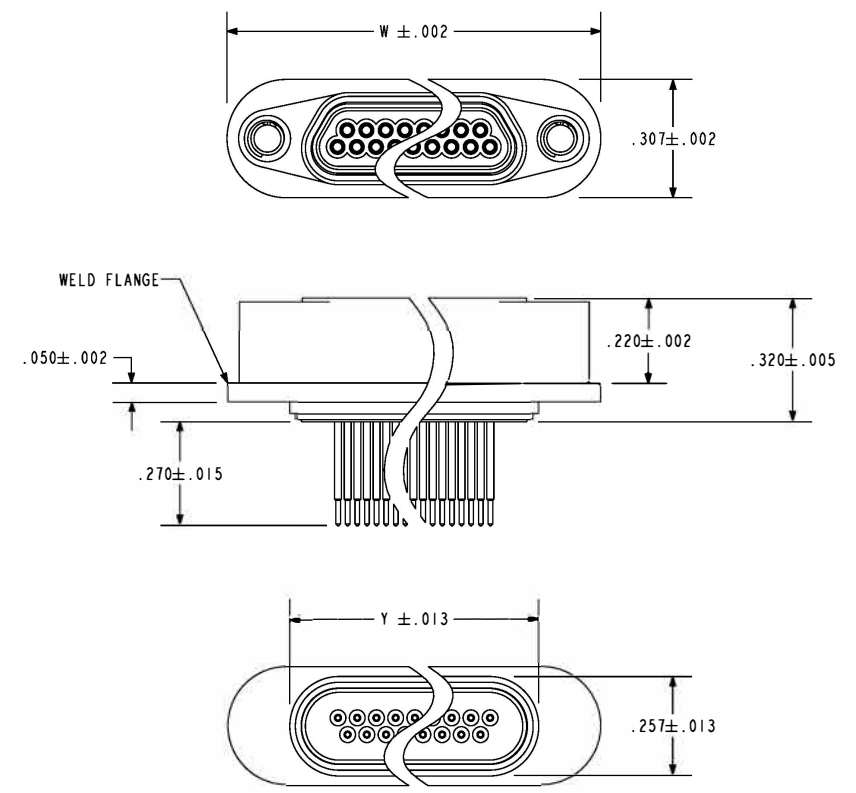
1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL 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.
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:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW ASTM-B488, TYPE III, CODE A, .000050/.000150 THICK.
 - 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

NUMBER OF CONTACTS	W	Y	Z
9	.775	.453	.778
15	.925	.603	.928
21	1.075	.753	1.078
25	1.175	.853	1.178
31	1.325	1.003	1.328
37	1.475	1.153	1.478



HOLE DETAIL
 SCALE 1.500
 (-15 SHOWN)

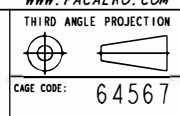


SCALE 1.000
 (-37 SHOWN)

PAC-E
 A Division of HERMETIC SOLUTIONS
 434 Olds Station Rd. Wenatchee WA 98801

WWW.PACAERO.COM

TITLE:
 CONNECTOR, MICRO-D, STD-PROFILE, AL-COMP, STEPPED CONTACT



VERSION: -.2
 RELEASE DATE: 01-24-11

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-93854