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 INTO TITANIUM HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1X10^{-9}$ 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 500 VAC RMS 60 Hz IAW MIL-STD-1344, METHOD 3001.
   DURATION OF APPLICATION TO BE 1 SEC MIN.

6. MATERIALS:

   SHELL: EXPLOSION BONDED 300-SERIES STAINLESS STEEL TO TITANIUM GRADE 1 OR 2.
   CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
   INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS 1, TYPE II, GRADE 60.

7. FINISHES:

   CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000150 THICK.
   GOLD PLATE IAW ASTM-B488, TYPE III, CODE C, .000050/.000100 THICK.

8. ORDERING INFORMATION:

   PLEASE SPECIFY ACCORDING TO THE FOLLOWING

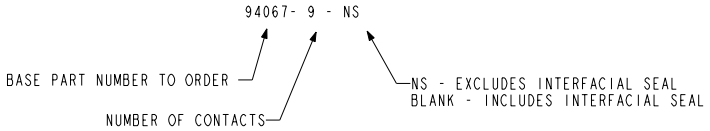
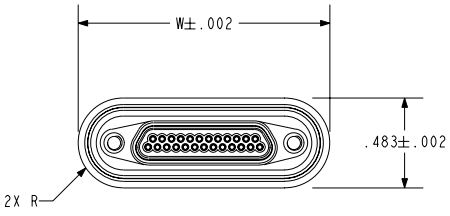
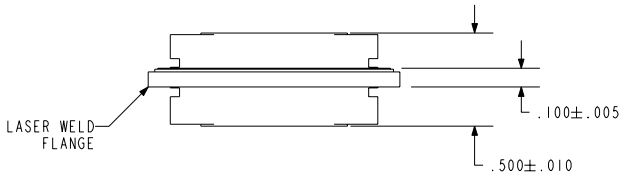
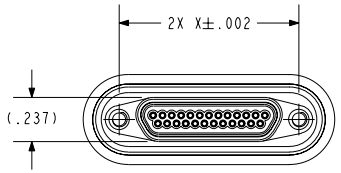
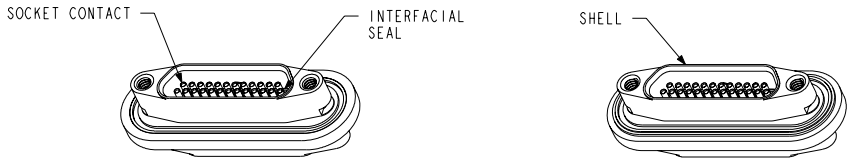


TABLE 1				
PART NUMBER	W	X	Z	CONTACTS
94067-9	.951	.565	.954	9
94067-15	1.101	.715	1.104	15
94067-21	1.251	.865	1.254	21
94067-25	1.351	.965	1.354	25
94067-31	1.501	1.115	1.504	31
94067-37	1.651	1.265	1.654	37

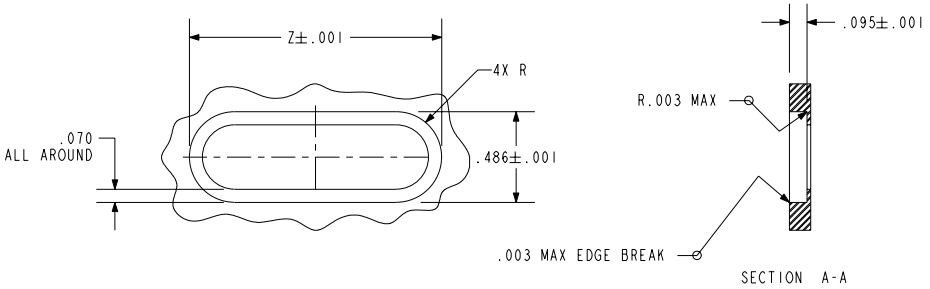








(-25 SHOWN FOR REFERENCE ONLY)



HOLE DETAIL

PACIFIC AEROSPACE & ELECTRONICS, INC.
434 Olds Station Rd. Wenatchee, Washington 98801
WWW.PACAERO.COM

TITLE: CONNECTOR, MICRO-D, DOUBLE-ENDED, TI COMPATIBLE

THIRD ANGLE PROJECTION

CAGE CODE: 64567

VERSION	RELEASE DATE:		SHEET:	DOCUMENT:
A.1	11-08-06	SALES DRAWING	1 OF 1	0-94067