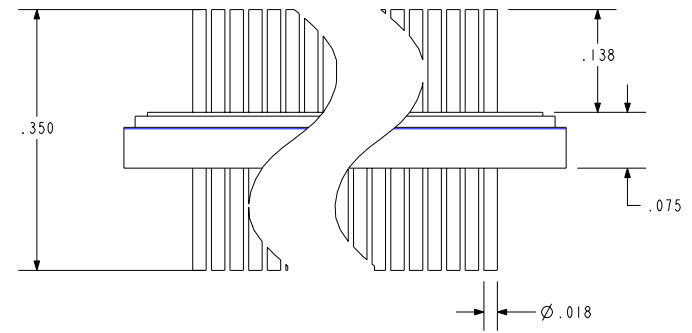
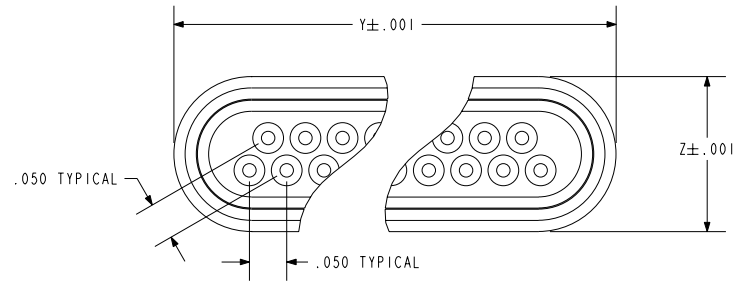


NOTES:

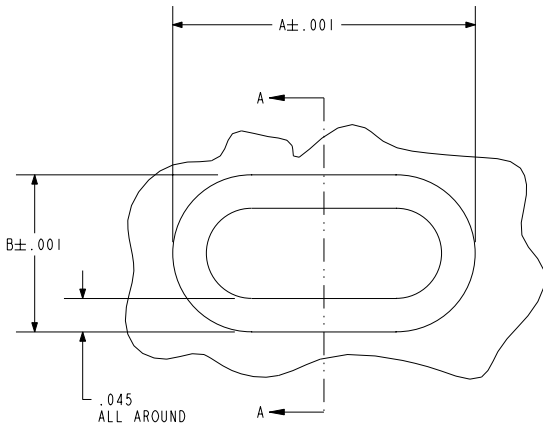
- DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
- HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
- ELECTRICAL REQUIREMENTS:
 - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ VDC AT 25°C WHEN TESTED IAW MIL-STD-1344, METHOD 3003.
 - 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:
 - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4XXX-SERIES ALUMINUM.
 - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
- FINISH CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000100 THICK. GOLD PLATE IAW ASTM-B 488, TYPE III, CODE A, .000050/.000100 THICK.
 - SHELL: CONVERSION COAT IAW MIL-C-5541, CLASS IA



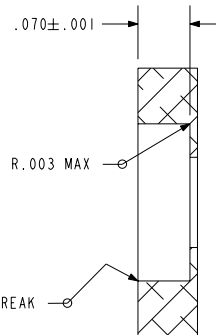
PLEASE SPECIFY ACCORDING TO THE FOLLOWING

BASE PART NUMBER TO ORDER \swarrow 93550 - X \nwarrow PIN COUNT (9,15,21,25,31,37, OR 51)

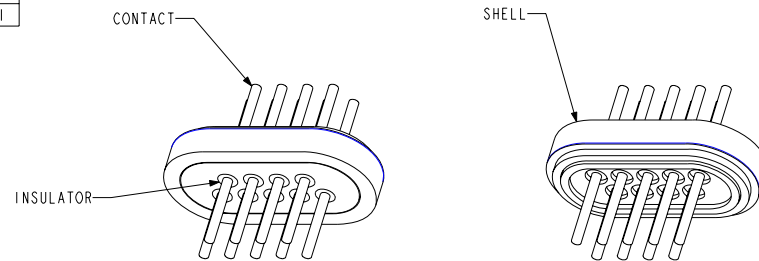
TABLE I				
NUMBER OF CONTACTS	A	B	Y	Z
9	.406	.211	.403	.208
15	.556	.211	.553	.208
21	.706	.211	.703	.208
25	.806	.211	.803	.208
31	.956	.211	.953	.208
37	1.106	.211	1.103	.208
51	1.099	.254	1.096	.251



HOLE DETAIL



SECTION A-A



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

WWW.PACAERO.COM

THIRD ANGLE PROJECTION

CAGE CODE: 64567

DOCUMENT: 0-93550

TITLE:

CONNECTOR, MICRO-D, CUSTOM

VERSION

RELEASE DATE:

05-30-03

SALES DRAWING

SHEET:

1 OF 1