

PROPRIETARY

THE DESIGN DESCRIBED HEREIN MAY REQUIRE THE USE OF PATENTED, PROPRIETARY TECHNOLOGIES OF PA&E. NO LICENSE UNDER SUCH PATENTS IS IMPLIED THROUGH THE TRANSMISSION OR POSSESSION OF THIS DOCUMENT.

PACIFIC AEROSPACE & ELECTRONICS

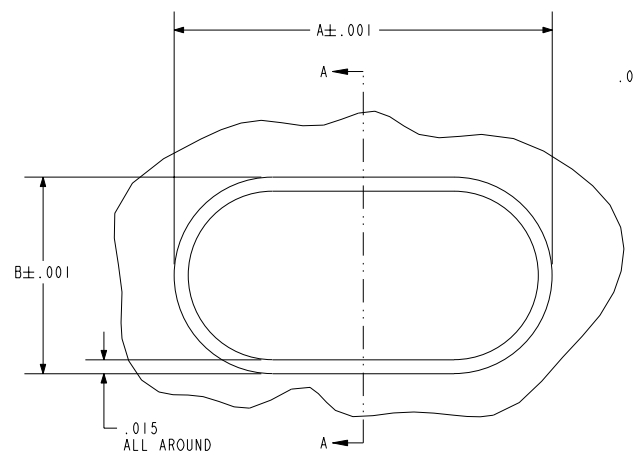
NOTES:

- DESIGNED TO BE SOLDERED OR WELDED TO A COMPATIBLE STAINLESS STEEL 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: STAINLESS STEEL IAW QQ-S-763
CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
- FINISH CONTACTS AND SHELL: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000250 THICK. GOLD PLATE IAW MIL-G-45204, TYPE III, GRADE A, .000050/.000100 THICK.
- ORDERING INFORMATION:
PLEASE SPECIFY ACCORDING TO THE FOLLOWING

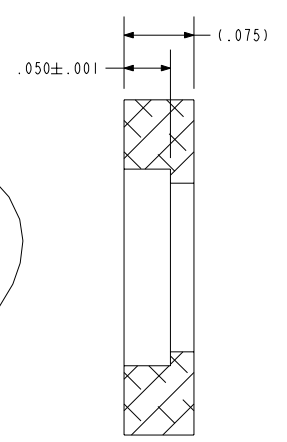
BASE PART NUMBER TO ORDER \swarrow 93458 - X \nwarrow PIN COUNT (9, 15, 21, 25, 31, 37)

TABLE I

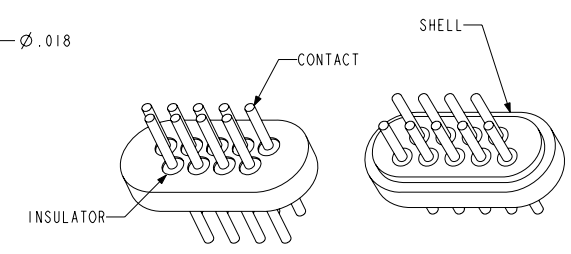
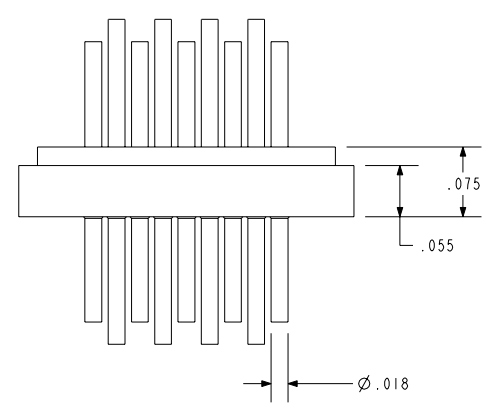
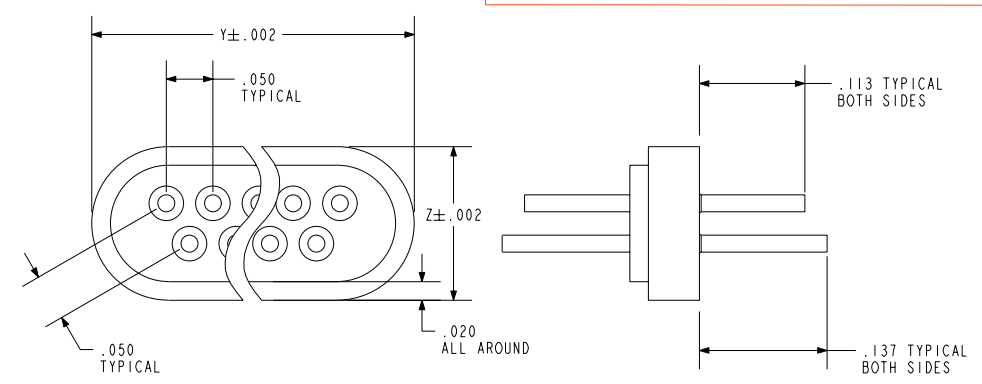
NUMBER OF CONTACTS	A	B	Y	Z
9	.363	.168	.360	.165
15	.513	.168	.510	.165
21	.663	.168	.660	.165
25	.763	.168	.760	.165
31	.913	.168	.910	.165
37	1.063	.168	1.060	.165



HOLE DETAIL



SECTION A-A



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

TITLE: CONNECTOR, MICRO-D, SOLDER-IN

THIRD ANGLE PROJECTION

CAGE CODE: 64567

VERSION: RELEASE DATE: 11-29-04

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-93458

pro/ENGINEER