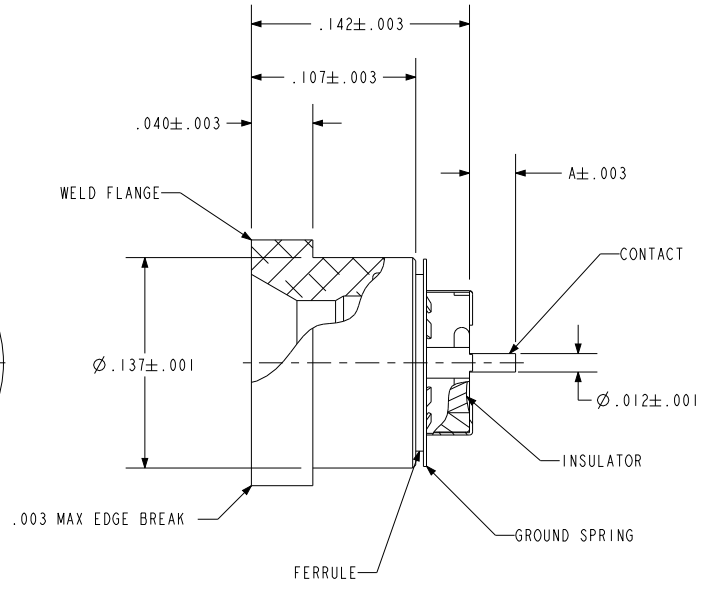
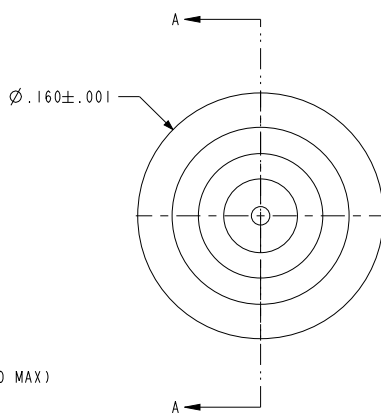


NOTES:

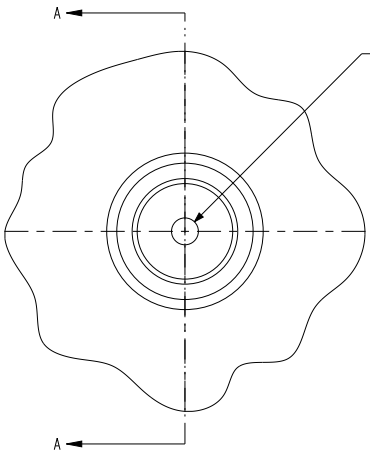
1. INTERFACE PER MIL-STD-348.
2. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
3. NOMINAL IMPEDANCE: 50 OHMS.
4. DIELECTRIC WITHSTANDING VOLTAGE: 500VAC RMS MIN. @ SEA LEVEL.
5. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
6. DESIGNED TO BE LASER WELDED INTO ALUMINUM HOUSINGS.
7. MATERIALS:
 WELD FLANGE: 4XXX SERIES ALUMINUM.
 FERRULE: Ni/Fe/Co (KOVAR) IAW ASTM-F15 OR MIL-I-23011.
 CONTACT: Ni/Fe/Co (KOVAR) IAW ASTM-F15 OR MIL-I-23011.
 INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
 GROUND SPRING: FULL HARD 302 S.ST. IAW ASTM-A276 OR 304L S.ST. IAW QQ-S-763.
8. FINISH: PIN, FERRULE AND SHELL
 NICKEL PLATE IAW ASTM B733, TYPE I, CLASS I, .000100/.000250 THICK.
 GOLD PLATE IAW ASTM B488, TYPE I, CODE A, .000050/.000150 THICK.
9. ORDERING INFORMATION:
 PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

93162 - FD - 030

- A = HERMETIC PIN EXTENSION (.020 MIN/.120 MAX)
(BEFORE SPRING INSTALLATION)
- DETENT TYPE (FD=FULL, LD=LIMITED, ND=NONE)
- BASE PART NUMBER

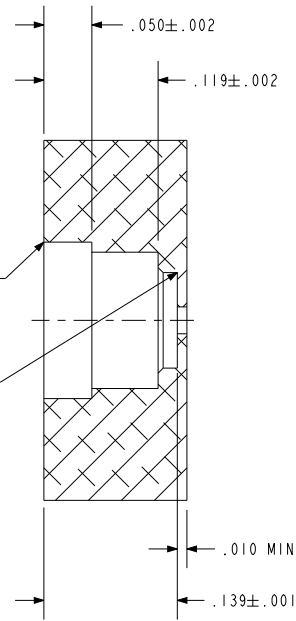


SECTION A-A



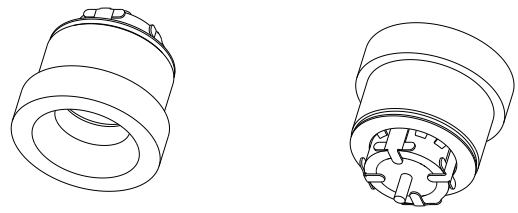
- Ø.028±.001 THRU
- Ø.0995±.0005 ∇ SHOWN
- Ø.110±.002 X 90°±5°
- Ø.142±.001 ∇ SHOWN
- Ø.163±.001 ∇ SHOWN

.003 MAX EDGE BREAK
 R.003 MAX



SECTION A-A

HOLE DETAIL
 SCALE 5.000



SCALE 5.000



PACIFIC AEROSPACE & ELECTRONICS, INC.

434 Olds Station Rd. Wenatchee, Washington 98801

WWW.PACAERO.COM

TITLE: CONNECTOR, LLWP, ALUMINUM COMPATIBLE		THIRD ANGLE PROJECTION 	
VERSION F.1	RELEASE DATE: 01-06-11	SHEET: 1 OF 1	DOCUMENT: 0-93162
SALES DRAWING			