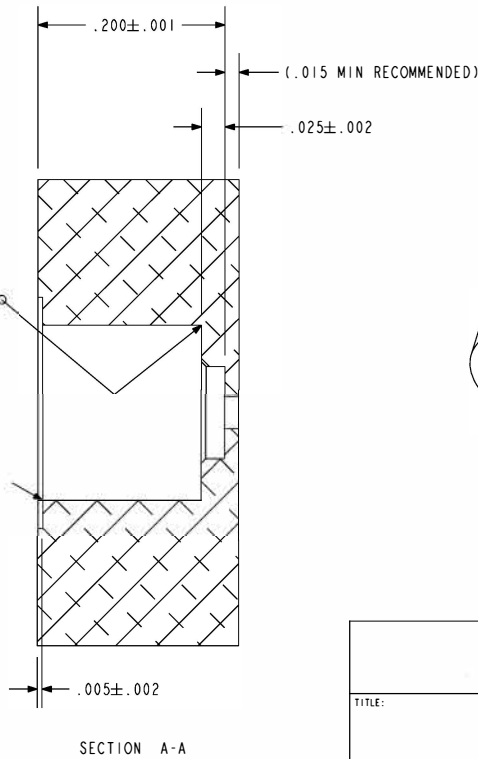
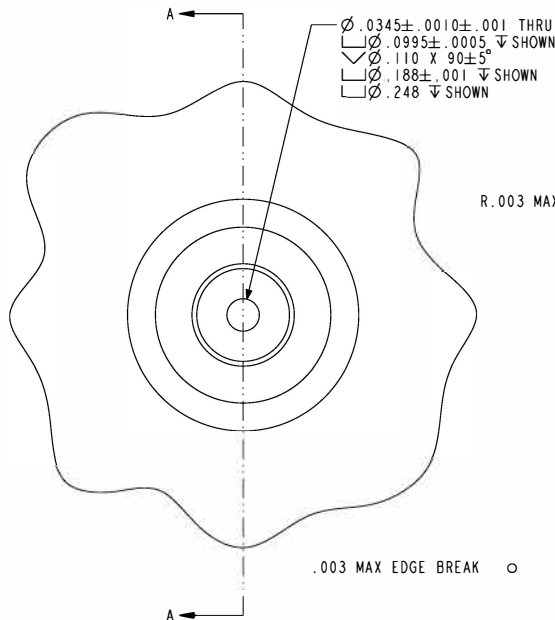
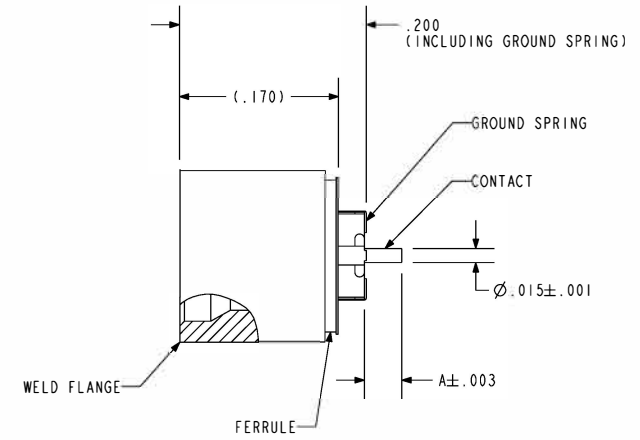
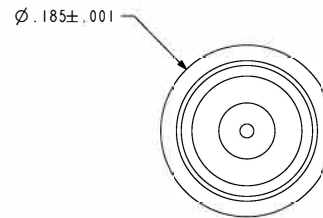


NOTES:

1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO  $1 \times 10^{-9}$  CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
2. NOMINAL IMPEDANCE: 50 OHMS.
3. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
4. DESIGNED TO BE LASER WELDED TO ALUMINUM ALLOY 6061 HOUSINGS.
5. MATERIALS:  
 WELD FLANGE: 4000 SERIES ALUMINUM  
 CONTACT: KOVAR 1AW ASTM-F15 OR MIL-I-23011.  
 INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.  
 GROUND SPRING: S.S.T. 1AW ASTM-A276 OR QQ-S-763.
6. FINISH:  
 NICKEL PLATE 1AW MIL-C-26074, TYPE 4 .000100/.000250 THICK.  
 GOLD PLATE 1AW MIL-G-45204, TYPE III, GRADE A, .000050/.000150 THICK.  
 WELD FLANGE: CONVERSION COATED 1AW MIL-C-5541, CL 1A
7. ORDERING INFORMATION:  
 PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

EXAMPLE: 93999 - FD - 045

- A = PIN EXTENSION (.020 MIN/.120 MAX)
- FD = FULL DETENT, LD = LIMITED DETENT, ND = NO DETENT
- BASE PART NUMBER



**PA&E**  
 A Division of  
**HERMETIC SOLUTIONS**  
 Quality Technology

434 Olds Station Rd. Wenatchee WA 98801

WWW.PACAERO.COM

TITLE:  
**ALUMINUM LASER WELDABLE PUSH-ON  
 (LWP) RF CONNECTOR**

THIRD ANGLE PROJECTION  
  
 CAGE CODE: 64567

RELEASE DATE:  
 01-23-06

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SHEET:  
 1 OF 1

DOCUMENT:  
 0-93999