

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. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
5. DESIGNED TO BE LASER WELDED TO ALUMINUM ALLOY 6061 HOUSINGS.
6. MATERIALS:
 SHELL: 4XXX SERIES ALUMINUM
 CONTACT: KOVAR 1AW ASTM-F15 OR MIL-1-23011.
 FERRULE: KOVAR 1AW ASTM-F15 OR MIL-1-23011.
 INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
 GROUND SPRING: S.S.T. 1AW ASTM-A276 OR QQ-S-763.
7. FINISH:
 PIN
 NICKEL PLATE 1AW QQ-N-290 .000100/.000250 THICK.
 GOLD PLATE 1AW ASTM-B-488, TYPE III, CODE A, .000100/.000150 THICK.

 FERRULE
 NICKEL PLATE 1AW QQ-N-290 .000100/.000250 THICK.
 GOLD PLATE 1AW ASTM-B-488, TYPE III, CODE A, .000100/.000150 THICK.

 SHELL (-PL ONLY)
 NICKEL PLATE 1AW QQ-N-290 .000100/.000250 THICK.
 GOLD PLATE 1AW ASTM-B-488, TYPE III, CODE A, .000050/.000100 THICK.
 NO PLATING ON ALUMINUM LASER WELD SURFACES
8. ORDERING INFORMATION:
 PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

EXAMPLE: 93734 - FD - 045 - PL

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

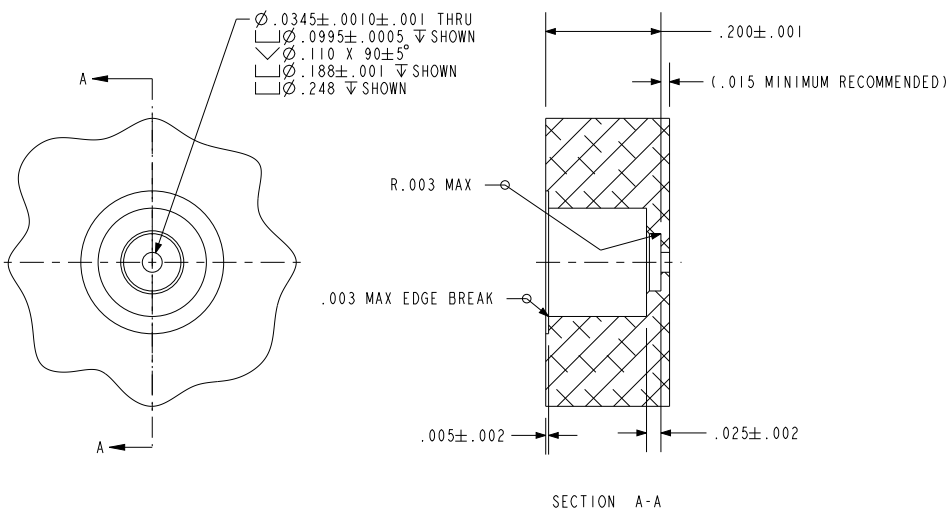
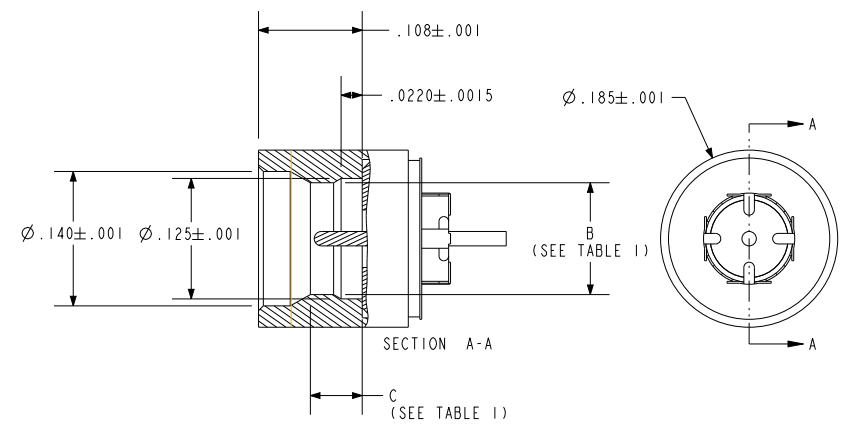
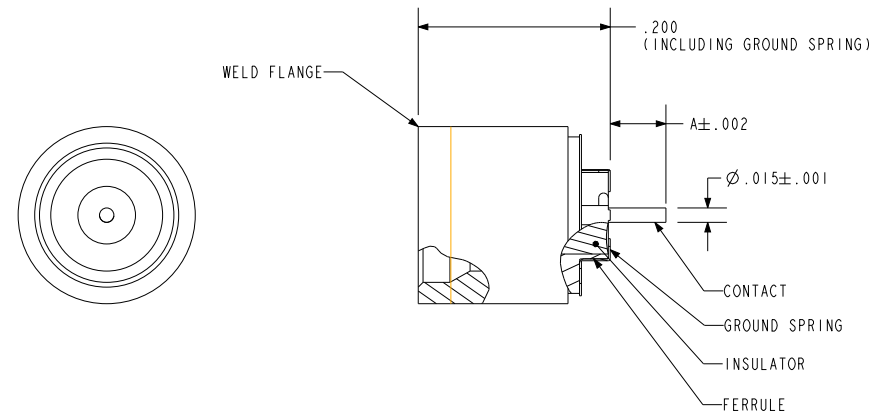


TABLE I

DETENT TYPE	DIMENSION B	DIMENSION C
FULL DETENT	.116	.054
LIMITED DETENT	.120	.057
NO DETENT	.125	.062



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

TITLE: CONNECTOR, LWP (.015 DIA. PIN), ALUMINUM COMPATIBLE

THIRD ANGLE PROJECTION

CAGE CODE: 64567

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-93734

VERSION: .1

RELEASE DATE: 01-06-11

pr/ENGINEER

HOLE DETAIL