

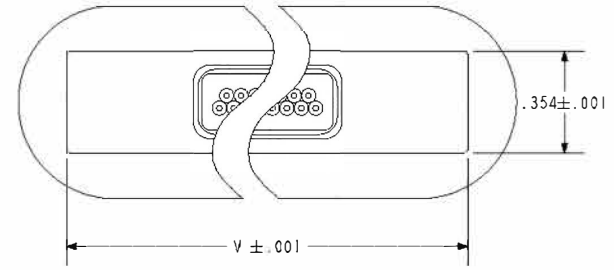
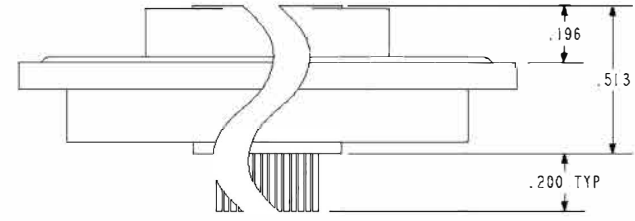
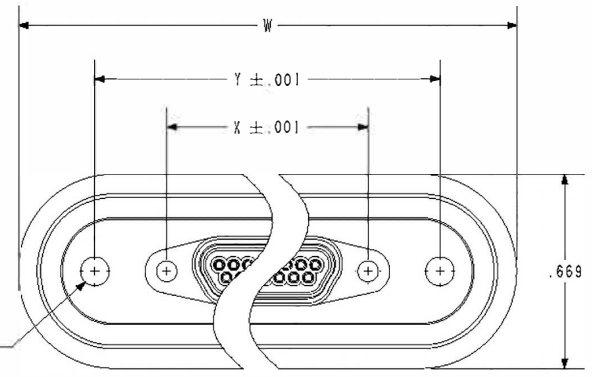
NOTES:

- HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
- MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
- DESIGNED TO BE O-RING SEALED AND FASTENED WITH HARDWARE.
- HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC H_2 AT 1 ATM DIFFERENTIAL PRESSURE.
- ELECTRICAL REQUIREMENTS:
 - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ VDC AT $25^\circ C$ WHEN TESTED IAW MIL-STD-1344, METHOD 3003.
 - DIELECTRIC WITHSTANDING VOLTAGE: MUST SHOW NO EVIDENCE OF BREAKDOWN OR FLASHOVER WHEN SUBJECTED TO 500 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
- MATERIALS:
 - SHELL: STAINLESS STEEL ALLOY 304L.
 - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
 - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
 - POTTING COMPOUND - STYCAST BLACK EPOXY.
 - O-RING - SILICONE.
- FINISH:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000300 THICK.
 - GOLD PLATE IAW ASTM B488, TYPE III, CODE A, .000050/.000150 THICK.
- ORDERING INFORMATION:

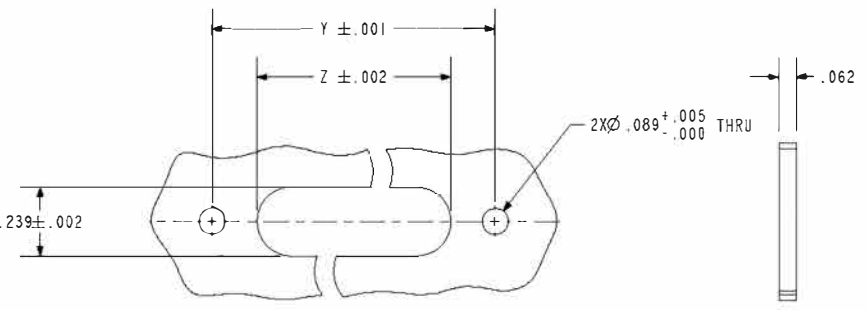
PLEASE SPECIFY ACCORDING TO THE FOLLOWING

93857 - X

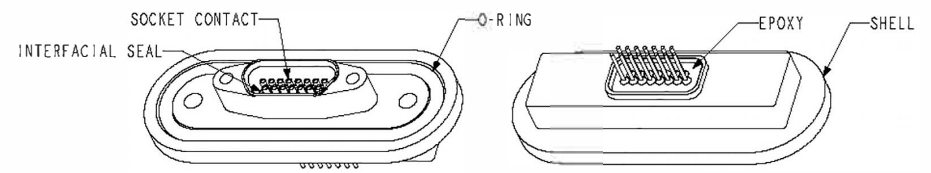
 - NUMBER OF CONTACTS (9, 15, 21, 25, 31, OR 37)
 - BASE PART NUMBER TO ORDER



NUMBER OF CONTACTS	V	W	X	Y	Z
9	1.262	1.596	.565	1.064	.755
15	1.412	1.746	.715	1.214	.905
21	1.562	1.896	.865	1.364	1.055
25	1.662	1.996	.965	1.464	1.155
31	1.812	2.146	1.115	1.614	1.305
37	1.962	2.296	1.265	1.764	1.455



HOLE DETAIL



PA&E
 A Division of HERMETIC SOLUTIONS
 434 Olds Station Rd. Wenatchee WA 98801

WWW.PACAERO.COM

TITLE: CONNECTOR, MICRO-D, O-RING MOUNT, CUSTOM	THIRD ANGLE PROJECTION
SHEET: 1 OF 1	CAGE CODE: 64567
VERSION: 1.0	DOCUMENT: 0-93857
RELEASE DATE: 12-11-12	DESIGNED BY: [Signature]

SALES DRAWING