

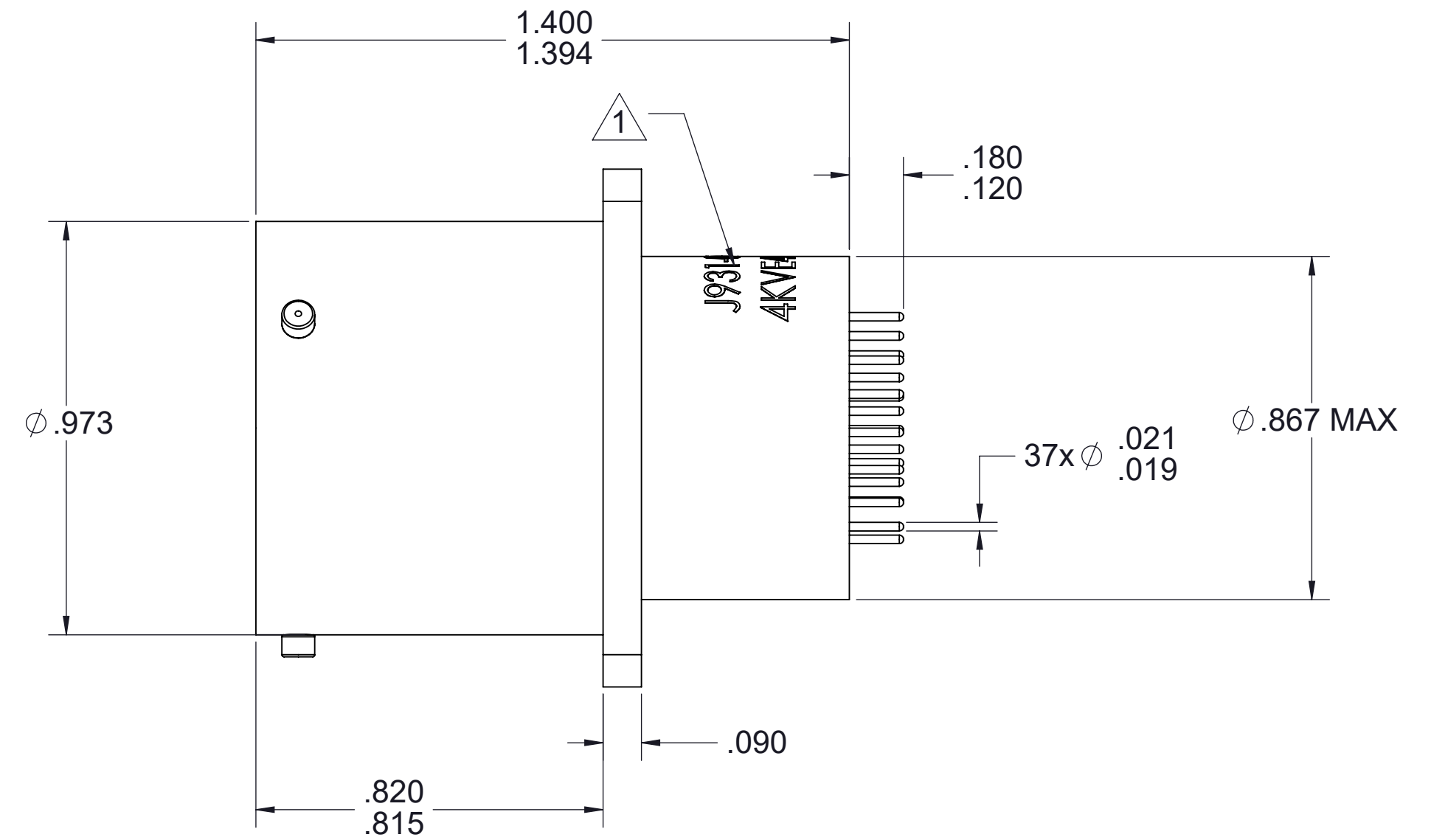
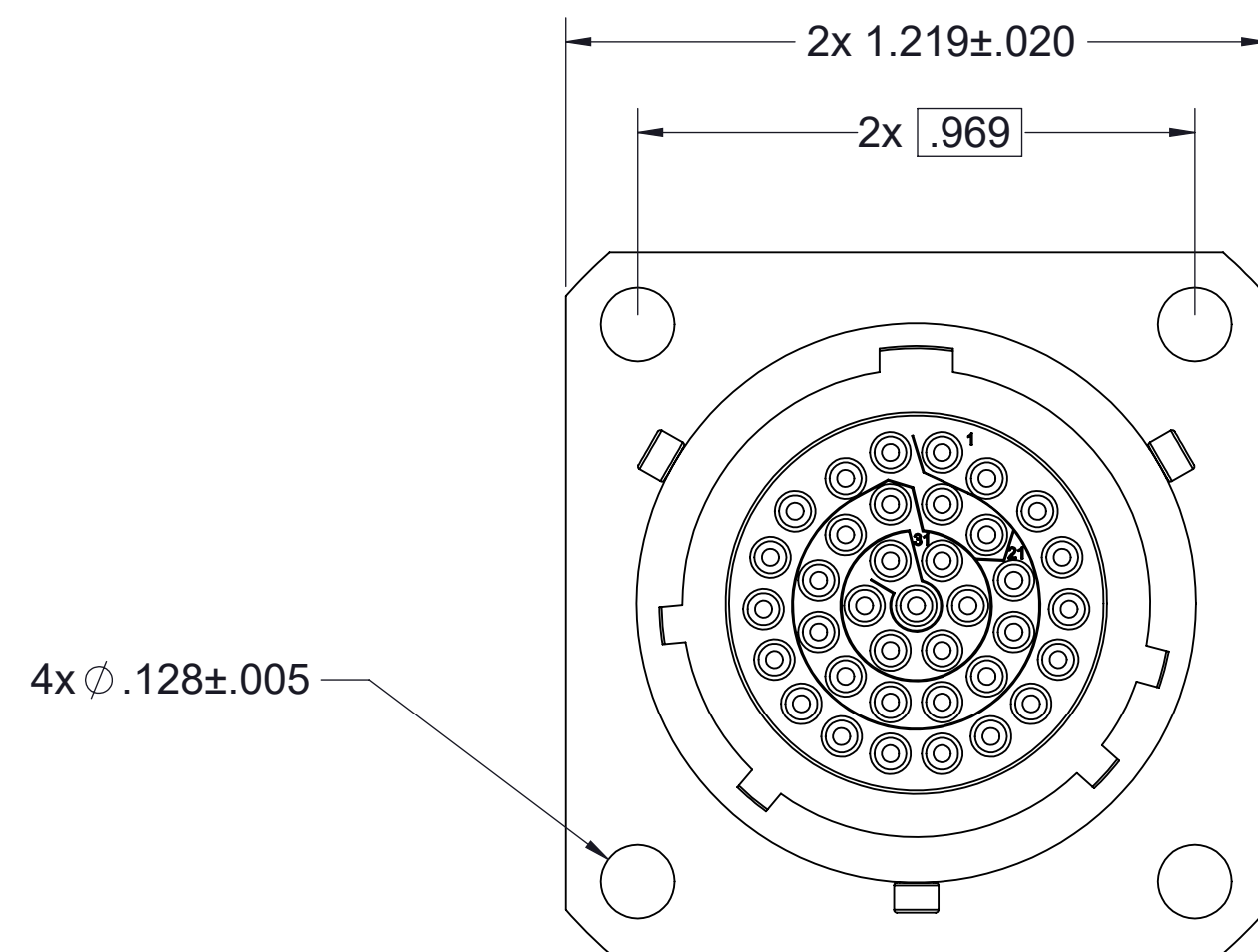
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
X1	OL	07/21/25	K.LE



**MATERIAL AND FINISH:**

SHELL: ALUMINUM ALLOY 6061-T6511 PER ASTM-B221  
FINISH: ELECTROLESS NICKEL PLATING.

CONTACT: COPPER ALLOY PER SAE-AS39029.  
FINISH: GOLD PLATED.

CAPACITORS: CERAMIC, PLANAR.

INSULATOR: EPOXY GLASS LAMINATE PER MIL-DTL-38999.

INTERFACIAL SEAL: FLUOROSILICONE PER MIL-DTL-38999.

GROUND SPRING: BERYLLIUM COPPER, SILVER PLATED.

FERRITE: NICKEL ZINC.

SOLDER PREFORM: IDIUM SOLDER ALLOY, 50Pb/50In.

POTTING: EPOXY 2850FT/CAT9

**ELECTRICAL:**

PL FILTER

A. CAPACITANCE: ALL PINS TO BE 32,000-45,000 pF

B. I.R.: 5000 MEGOHMS MIN AT 100 VDC.

C. D.W.V.: 100 VDC, 2 SECONDS MIN DWELL TIME.

D. ATTENUATION: PER MIL-STD-220 AT 25°C

8 dB MIN AT 1 MHz

20 dB MIN AT 5 MHz

40 dB MIN AT 10 MHz

60 dB MIN AT 100 MHz

62 dB MIN AT 500-1000 MHz

**MECHANICAL:**

ALL INTERFACE DIMENSIONS PER MIL-DTL-38999.

INSERT ARRANGEMENT 15-35 PER MIL-STD-1560 PIN ENGAGEMENT.

1 MARKING: MARK WITH "J991PPDO35APAN"  
MFG CODE DATE CODE  
IN LOCATION SHOWN

**ENVIRONMENTAL:**

TEMPERATURE RANGE: -55°C TO +125°C.

ENVIRONMENTAL TESTING PER MIL-DTL-38999 AVAILABLE UPON REQUEST.

**NOTES:**

1. THESE CHARACTERISTICS ARE TYPICAL, AND FOR REFERENCE.

2. FOR QUESTIONS PLEASE CONTACT SALES@AMPHENOLCDI.COM

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DIMENSIONS ARE IN INCHES ± TOLERANCES UNLESS OTHERWISE NOTED		-		-		-	
.XX ± 0.005"	ANGULAR 1°	<b>MATERIAL</b>		<b>SPECIFICATION</b>		<b>PROCUREMENT</b>	
.XXX ± 0.003"		APPROVAL	INITIALS	DATE	Amphenol		12900 Alondra Blvd. Cerritos, CA 90703
		DRAWN BY	K.LE	07/21/25	TITLE		CONN. 38999I, 15-35, PIN/PC, "N" PLZN, CAD
		CHECKED BY	XXX	XX/XX/XXXX	SCALE		3:1
		TEST ENG	XXX	XX/XX/XXXX	SUB-DIRECTORY/		XXXXX
		QUALITY	XXX	XX/XX/XXXX	SHEET		1 of 1
		DESIGN ENG	XXX	XX/XX/XXXX	DRAWING NO.		OL_J991PPDO35APAN
		MFG ENG	XXX	XX/XX/XXXX	CAGE CODE	30990	REV. X1
		ECO APPRV	XXX	XX/XX/XXXX	DRAWING NO.		OL_J991PPDO35APAN