

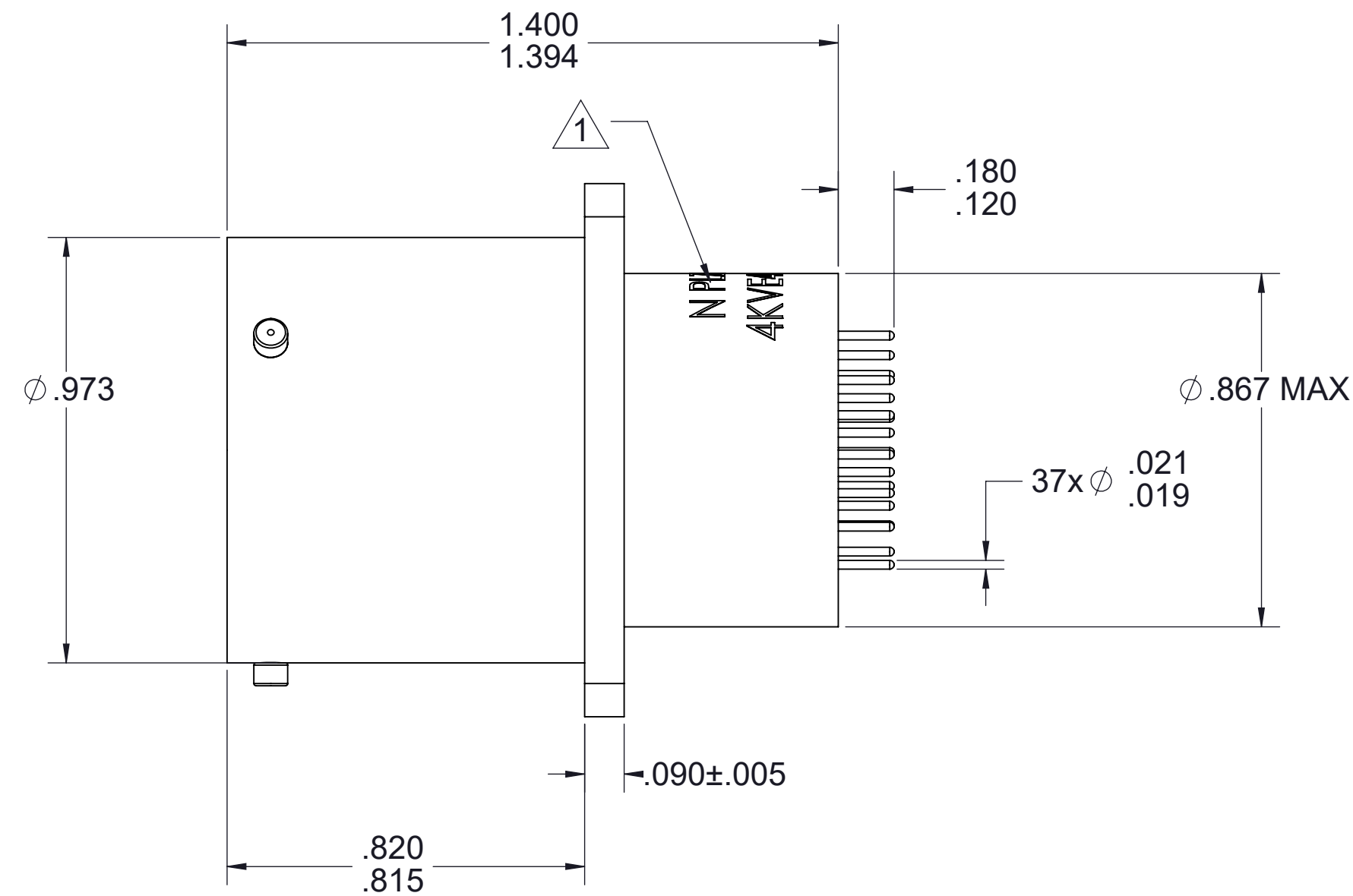
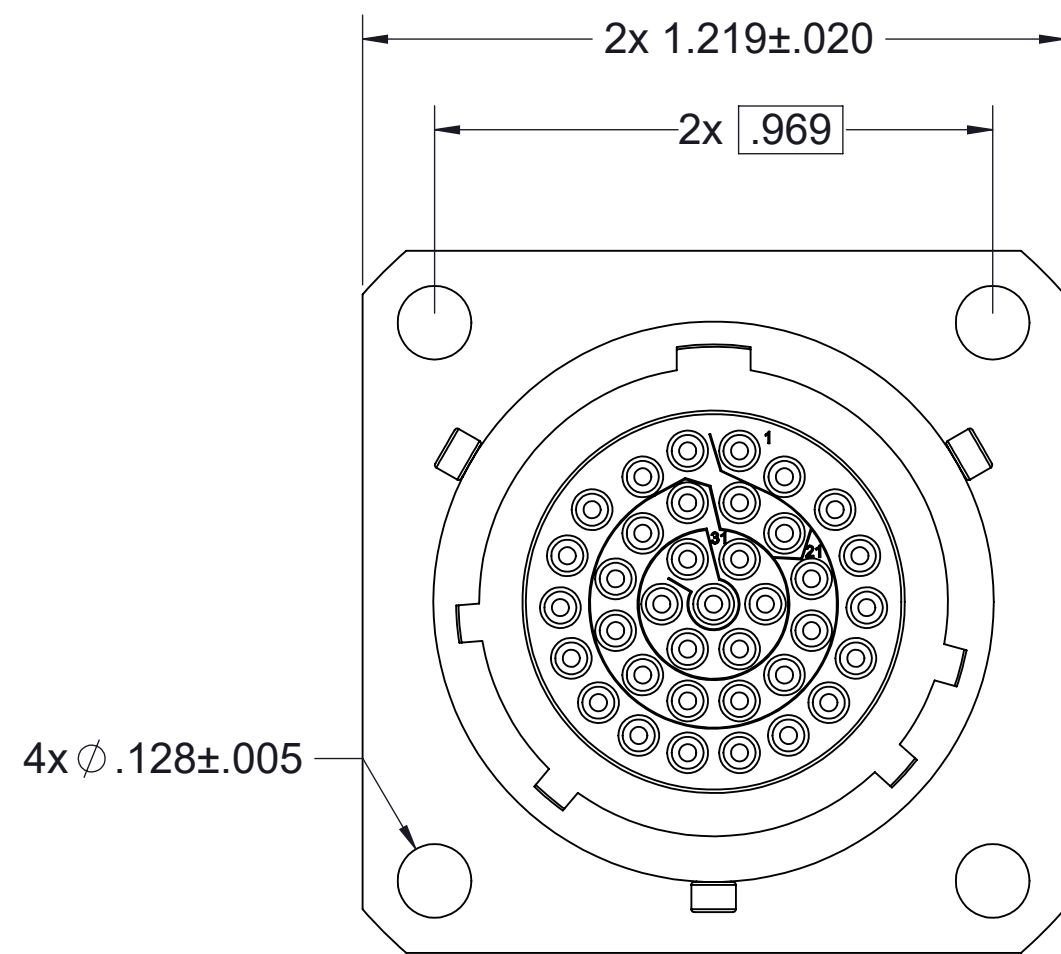
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
X1	OL	07/28/25	K.LE



MATERIAL AND FINISH:

SHELL: ALUMINUM ALLOY 6061-T6511 PER ASTM-B221
FINISH: OLIVE DRAB CADMIUM PLATE.

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

CAPACITORS: CERAMIC, PLANAR.

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

INTERFACIAL SEAL: FLUROSILICONE 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:

PM FILTER

A. CAPACITANCE: ALL PINS TO BE 8,000-12,000 pF

B. I.R.: 5000 MEGOHMS MIN AT 500 VDC.

C. D.W.V.: 500VDC, 2 SECONDS MIN DWELL TIME.

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

2 dB MIN AT 1 MHz

10 dB MIN AT 5 MHz

18 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 "J991PPDO35BPAN"
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:

- THESE CHARACTERISTICS ARE TYPICAL, AND FOR REFERENCE.
- FOR QUESTIONS PLEASE CONTACT SALES@AMPHENOLCDI.COM

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DIMENSIONS ARE IN INCHES ± TOLERANCES UNLESS OTHERWISE NOTED		-		-		-	
.XX ± 0.005"	ANGULAR 1°	MATERIAL		SPECIFICATION		PROCUREMENT	
.XXX ± 0.003"		APPROVAL	INITIALS	DATE	12900 Alondra Blvd. Cerritos, CA 90703		
		DRAWN BY	K.LE	07/28/25	Amphenol		
		CHECKED BY	XXX	XX/XX/XXXX	TITLE		
		TEST ENG	XXX	XX/XX/XXXX	CONN., 38999I/15-35 PIN/P.C PI		
		QUALITY	XXX	XX/XX/XXXX	FILTER "N" PLZN		
NEXT ASSY.	USED ON	DESIGN ENG	XXX	XX/XX/XXXX	SCALE	SUB-DIRECTORY/	
		MFG ENG	XXX	XX/XX/XXXX	3:1	XXXXX	
		ECO APPRV	XXX	XX/XX/XXXX	CAGE CODE	DRAWING NO.	
					30990	OL_J991PPDO35BPAN	
					SIZE	SHEET 1 of 1	
					REV.	X1	