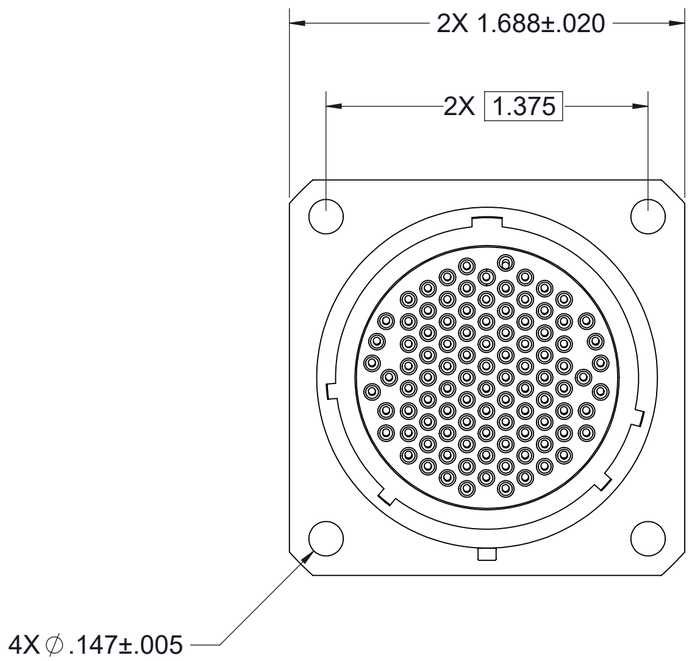
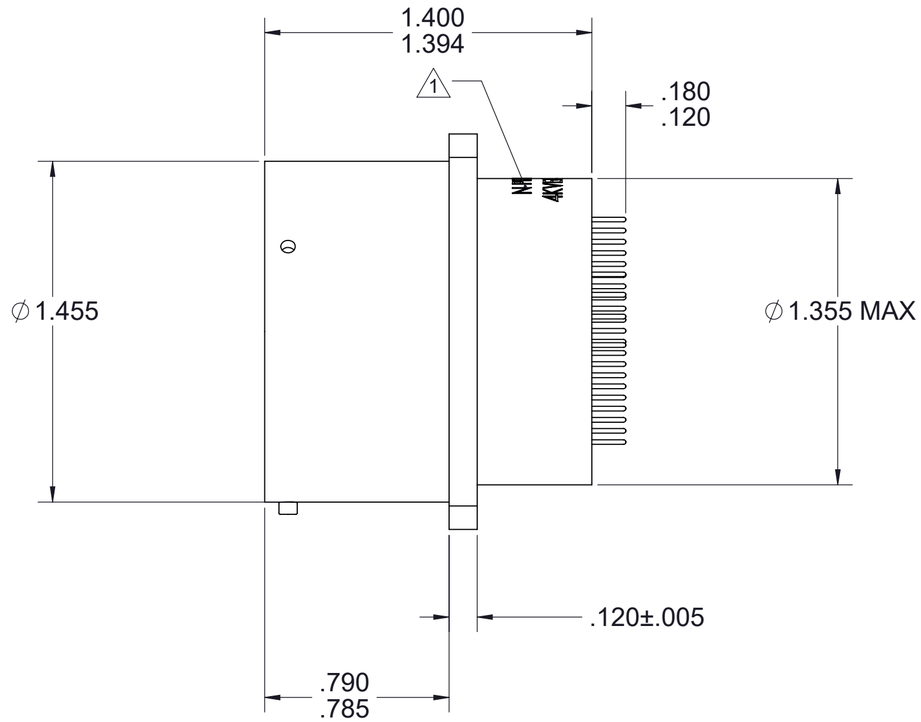
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
X1	OL	07/25/25	K.LE





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:

PM FILTER
A. CAPACITANCE: 8,000-12,000 pF
B. I.R.: 5,000 MEGOHMS MIN AT 500VDC.
C. D.W.V.: 500 VDC, 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 23-35 PER MIL-STD-1560 PIN ENGAGEMENT.

1 MARKING: MARK WITH "J991PPHN35BPAN"
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

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AMPHENOL. AND SHALL IN NO WAY BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM AMPHENOL.

DIMENSIONS ARE IN INCHES
± TOLERANCES UNLESS OTHERWISE NOTED
.XX ± 0.005" ANGULAR
.XXX ± 0.003" 1°
NEXT ASSY. | USED ON
APPLICATION
THIRD ANGLE PROJECTION

MATERIAL		
APPROVAL	INITIALS	DATE
DRAWN BY	K.LE	07/28/25
CHECKED BY	XXX	XX/XX/XXXX
TEST ENG	XXX	XX/XX/XXXX
QUALITY	XXX	XX/XX/XXXX
DESIGN ENG	XXX	XX/XX/XXXX
MFG ENG	XXX	XX/XX/XXXX
ECO APPRV	XXX	XX/XX/XXXX

-	-	-
	SPECIFICATION	PROCUREMENT

Amphenol CDI
12900 Alondra Blvd.
Cerritos, CA 90703

TITLE: CONN., 38999I/23-35 PIN/P.C
PI FILTER "N" PLZN

SCALE 2:1 | SUB-DIRECTORY/ XXXXX | SHEET 1 OF 1

SIZE	CAGE CODE	DRAWING NO.	REV.
C	30990	OL_J991PPHN35BPAN	X1

ENG-SW REV. H