NOTES:

1. MATERIALS AND FINISHES:
   BODY & COUPLING NUT - BRASS, COPPER-TIN-ZINC 3µm
   CONTACT - SPRING COPPER, Ag3µm
   INSULATOR - PTFE, NATURAL

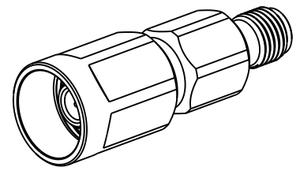
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 6 GHz
   C. VSWR: 1.05 MAX. @ DC - 3 GHz
      1.10 MAX. @ 3 - 6 GHz
   D. INSERTION LOSS: 0.10 dB MAX.
   E. PIM: -160 dBC MIN.
   F. INSULATION RESISTANCE: 5000 MΩ MIN.
   G. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
   J. CONTACT RESISTANCE: CENTER CONTACT 5.0 mΩ MAX.
      OUTER CONTACT 2.5 mΩ MAX.

3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. (NEX10 CONNECTOR)
      500 CYCLES MIN. (SMA CONNECTOR)
   B. NUT TORQUE: 3 N.m (NEX 10 CONNECTOR)
   C. RETENTION: 2.8N MIN.

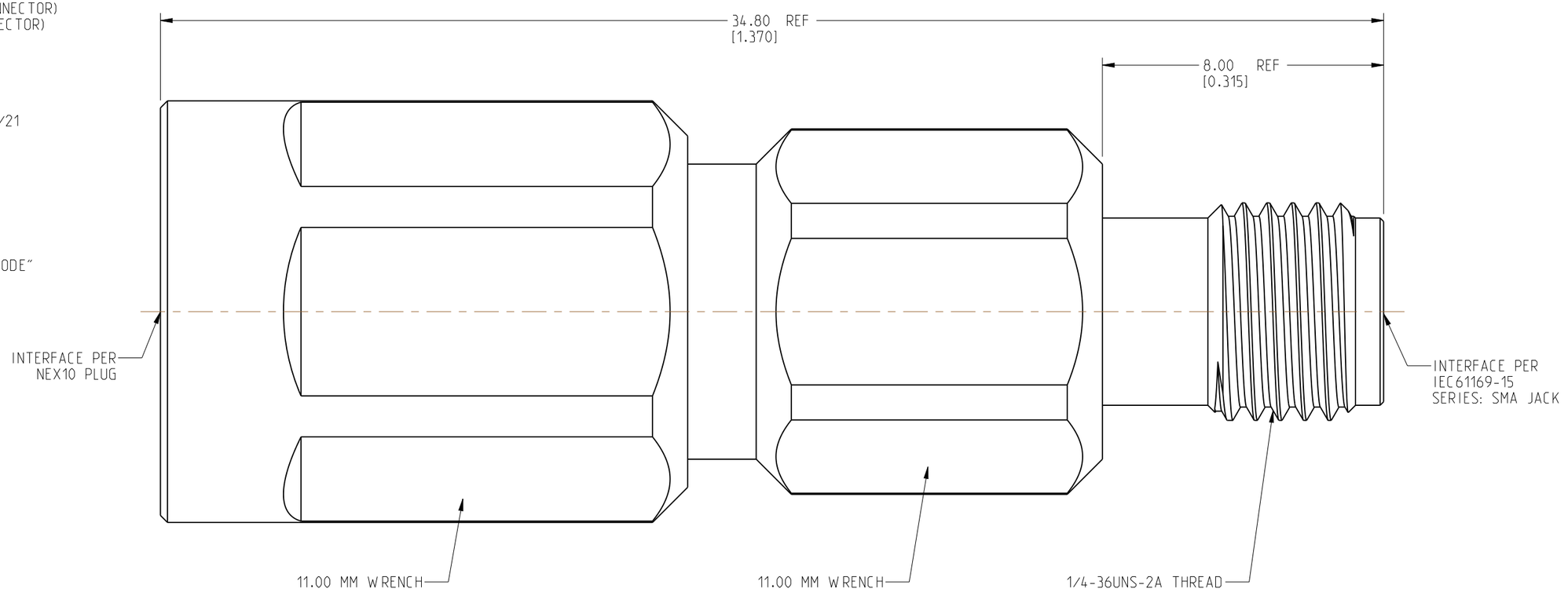
4. ENVIRONMENTAL:
   A. TEMPERATURE RANGE: -40°C TO +85°C
   B. WEATHER STANDARD: IEC 60068 40 /085/21
   C. THERMAL SHOCK: IEC 60068 -2-14-Na
   D. VIBRATION: IEC 60068-2-6-Fc
   E. SHOCK: IEC 60068-2-27
   F. ROHS COMPLIANT

5. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, AD-N10PSMAJ-2 & DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	09-JUN-22	16273	KR



SCALE 1.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

THIRD ANGLE PROJ.

REFERENCE

EAR# 11320

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

<0.5mm = ±0.05mm	[<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm	[>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm	[>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm	[>1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: KARTHIK R

ENGR.2:

DATE: 16-MAY-22

TITLE: NEX10 STR PLUG TO SMA JACK ADAPTER

SHEET NO. 2 OF 2

SCALE: 7.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	AD-N10PSMAJ-2	A
	ITEM NO. AD-N10PSMAJ-2	
	PART NO. AD-N10PSMAJ-2	