

NOTES:

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

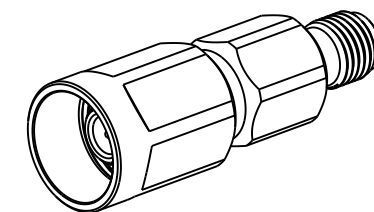
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.05 MAX. @ DC - 3 GHz
 1.10 MAX. @ 3 - 6 GHz
 D. INSERTION LOSS: 0.10 dB MAX.
 E. PIM: -160 dBC MIN.
 F. INSULATION RESISTANCE: 5000 MΩ MIN.
 G. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
 J. CONTACT RESISTANCE: CENTER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

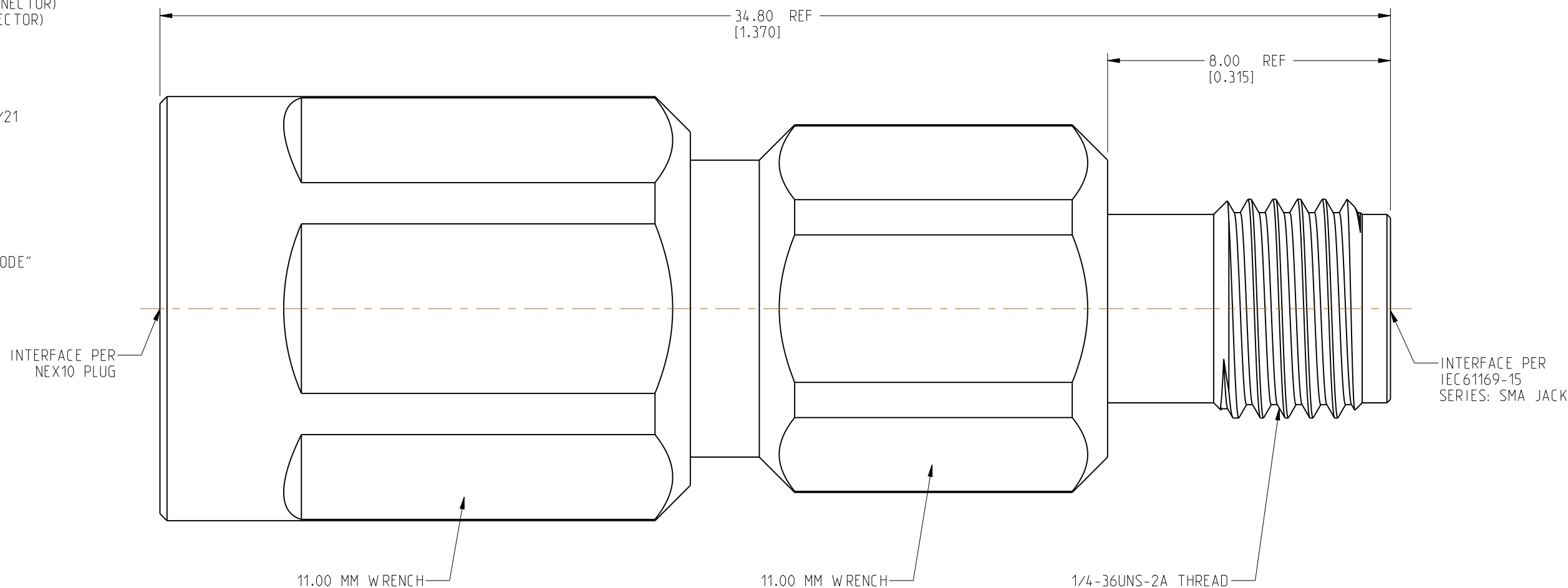
4. ENVIRONMENTAL:
 A. TEMPERATURE RANGE: -40°C TO +85°C
 B. WEATHER STANDARD: IEC 60068 40 /085/21
 C. THERMAL SHOCK: IEC 60068 -2-14-Na
 D. VIBRATION: IEC 60068-2-6-Fc
 E. SHOCK: IEC 60068-2-27
 F. ROHS COMPLIANT

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

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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]

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
 DRAWING NO. AD-N10PSMAJ-2
 ITEM NO. AD-N10PSMAJ-2
 PART NO. AD-N10PSMAJ-2
 REV: A



THIRD ANGLE PROJ. REFERENCE EAR# 11320

ANGLES = ±1°