

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS, NICKEL PLATING
 FRONT BODY - BeCu, NICKEL PLATING
 COUPLING NUT - BRASS, NICKEL PLATING
 RETAINING RING - PHOSPHOR BRONZE, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 OUTER CONTACT - NICKEL COPPER ALLOY, NICKEL PLATING
 TYPE F INSULATOR - PTFE, NATURAL
 NDX INSULATOR - PEEK, NATURAL
 PLASTIC SHEILD - PEEK, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 75 OHM
 B. FREQUENCY RANGE: DC - 3 GHz
 C. VSWR (RETURN LOSS): 1.06 (-30.00 dB), MAX.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

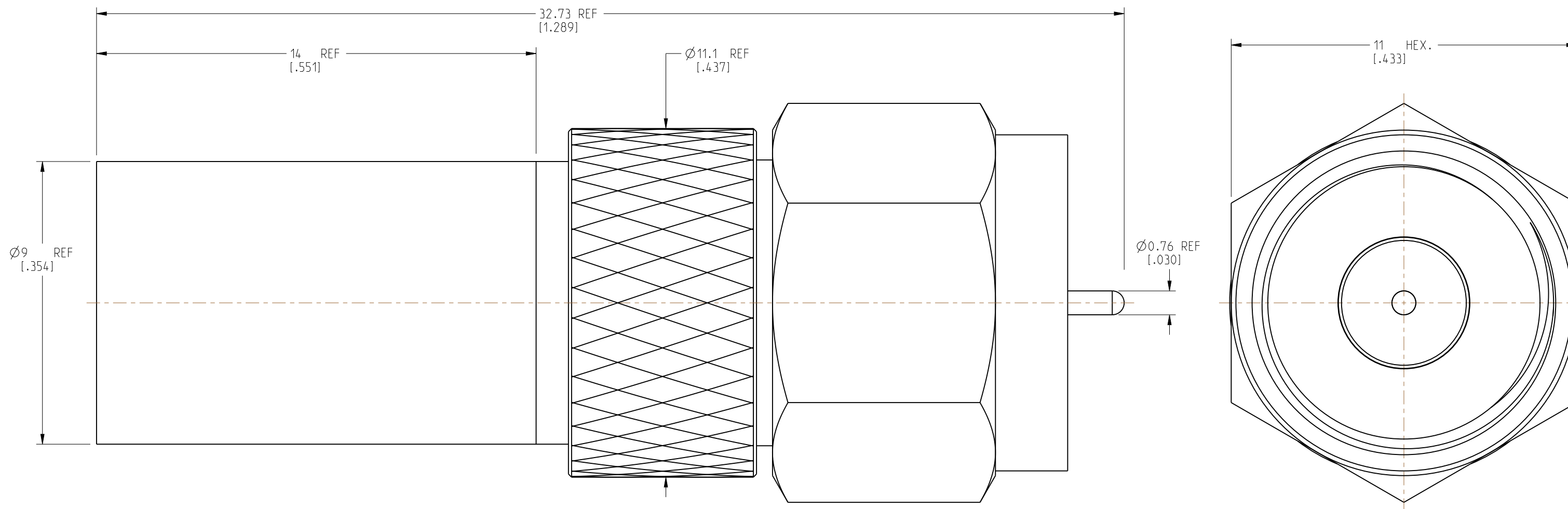
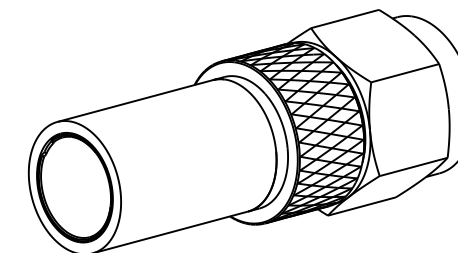
3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO 140°C

4. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, AD-FPNDXJ-1 & DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
1	PROTOTYPE RELEASE	03-AUG-21	----	TL
2	COUPLING NUT CHANGED TO RETAINING RING INSTEAD OF FORM OVER COUPLING NUT.	21-SEP-21	----	TL
3	NO CHANGES ON THIS SHEET	11-Oct-21	----	MZ



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 [$<0.020 = \pm 0.002$]
 >0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL
 SEE NOTE 1

TITLE
 TYPE F PLUG
 CONTACT TO
 NDX JACK ADAPTER

Amphenol RF

SIZE B	DRAWING NO.	AD-FPNDXJ-1	REV 3
	ITEM NO.	AD-FPNDXJ-1	
	PART NO.	AD-FPNDXJ-1	

THIRD ANGLE PROJ.

REFERENCE
 531-40208
 EAR#
 9849

ENGR.1
 T.LIPKIN
 ENGR.2

 DATE
 03-AUG-21

SHEET NO. 2 OF 2
 SCALE: 8.0:1.0