NOTES:

I. MATERIALS AND FINISHES:

INNER CONDUCTOR - BERYLLIUM COPPER, WHITE BRONZE PLATING OUTER CONDUCTOR - BRASS, WHITE BRONZE PLATING NUT - BRASS, WHITE BRONZE PLATING

INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

B. FREQUENCY RANGE: DC - 6 GHz

C. VSWR:  $\leq$  1.05 (DC-3GHz)  $\leq$  1.15 (DC 3-6GHz)

D. INSERTION LOSS:  $\leq 0.05$  (3GHz)

E. DWS: 2500V

F. INTERMODULATION:  $\leq$  -166 dBc (2 X 43 dBm)

MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.

B. TEMPERATURE RANGE: -40° C TO +85° C

5. PACKAGING:

A. QUANTITY: SINGLE PACK

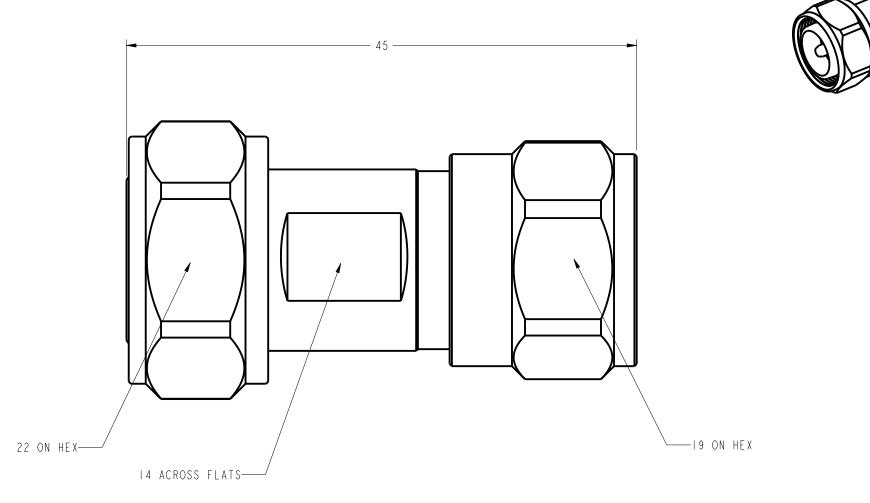
B. MARKING: BAG TO BE MARKED

"AMPHENOL RF, AD-4310PNP-1, AND DATE CODE"



 REV
 DESCRIPTION
 DATE
 ECO
 APPR

 A
 RELEASE TO MFG.
 6/15/16
 01061
 KCE



## CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: MATERIAL DATE DRAWN <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES 04-May-16 K. ELMES  $\pm$  0.05mm  $\pm\,$ 0 . Imm ±0.2mm ± 0.3mm 4.3/10 PLUG TO N PLUG NOTICE - These drawings, specifications, or other data (I) are, and remain the ENGINEER DATE property of Amphenol corp.' (2) must be returned upon request; and (3) are K. ELMES 04-May-16 confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. REFERENCE EAR# 7112 APPROVED DATE K. CAPOZZI 6/15/16 SCALE: 1.0:1.0 | SHEET | 2 OF 2 CONFIGURATION LEVEL: In Work CAD FILE DWG SIZE REV FINISH

www.amphenolrf.com

DRAWING NO.AD-43I0PNP-I

ITEM NO.AD-43I0PNP-I

PART NO.AD-43I0PNP-I

Amphenol RF

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