NOTES:

1. MATERIALS AND FINISHES:
   INNER CONDUCTOR - BRASS
   OUTER CONDUCTOR - BRASS
   NUT - BRASS
   INSULATOR - PTFE, NATURAL
   O-RING - SILICONE RUBBER, RED

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 3 GHz
   C. VSWR: 1.10 MAX.
   D. INSERTION LOSS: .1 MAX.
   E. DWV: 1000VRMS
   F. INTERMODULATION: ≤-165 dBc (2 X 43 dBm)
   G. INSULATION RESISTANCE: 5000 mΩ
   H. CONTACT RESISTANCE: OUTER CONDUCTOR <1.5 mΩ
      INNER CONDUCTOR <1.0 mΩ

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -40° C TO +85° C
   C. COMPATIBLE WITH ALL STANDARD 4.3/10 PLUGS

4. ENVIRONMENTAL:
   A. PLUG MEETS IP-67 STANDARD IN MATED CONDITION.

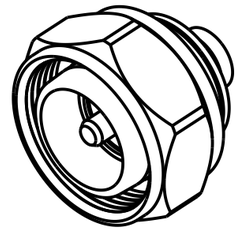
5. ASSEMBLY SPEC. 349-50926

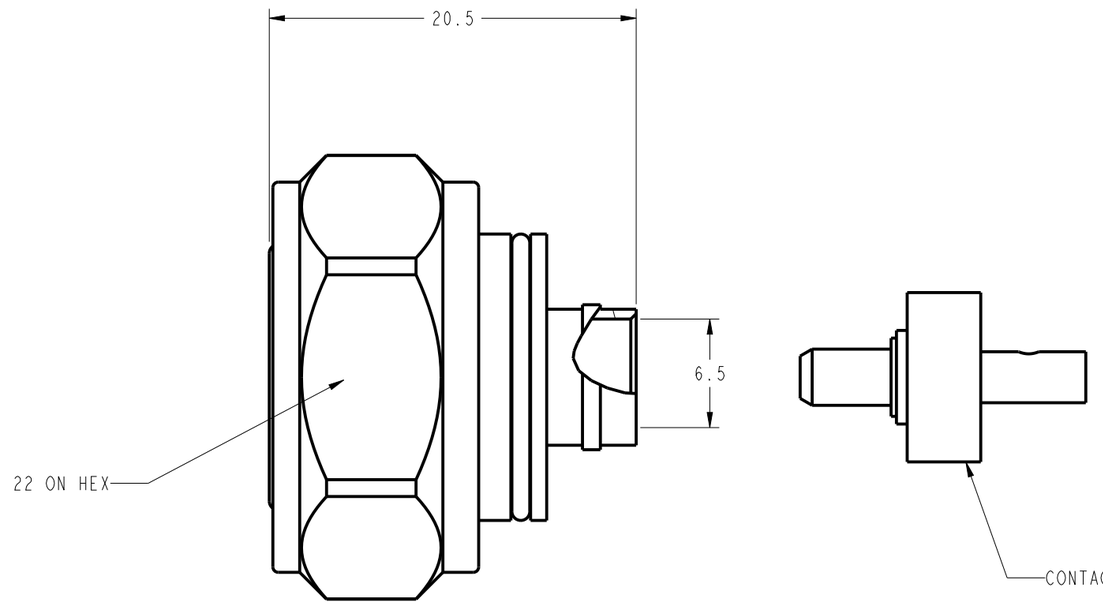
6. CONTACT/INSULATOR ASSEMBLY TO BE SHIPPED LOOSE IN BAG.

7. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 431-124P-52S, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	10/21/16	02202	KCE





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are 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.

MATERIAL
BRASS

REFERENCE
EAR #6645

CONFIGURATION LEVEL:

FINISH

DRAWN	K. ELMES	DATE 09-Mar-16
ENGINEER	K. ELMES	DATE 09-Mar-16
APPROVED	K. CAPOZZI	DATE 10/21/16
CAD FILE		

TITLE
4.3/10SM
FOR 0.250"
SEMI-RIGID CABLE

SCALE: 2.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. 431-124P-52S
ITEM NO. 431-124P-52S
PART NO. 431-124P-52S

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Amphenol:

86130202123355E1LF 95157-140LF LD25S33E4GV00LF RJSBE5080C2 54202-G0805CLF 65781-158 86093488314745V1LF 86093967896755LF 86093968191755E3LF RJE061661210 54202-S08-07LF 68001-200HLF 70218-1116LF 70430-164LF 91614-403ALF 76384-316LF DAPO15S365TLF 68000-236HLF 68002116HLF DEM09P032N 69192-408HLF DCMF37P LD15P33E4GV00LF 67996-204HLF 70234-112LF 86093968813H45V1LF CD15S13E4RV09LF D15P13A6RV12LF 68001-108HLF 863013A