

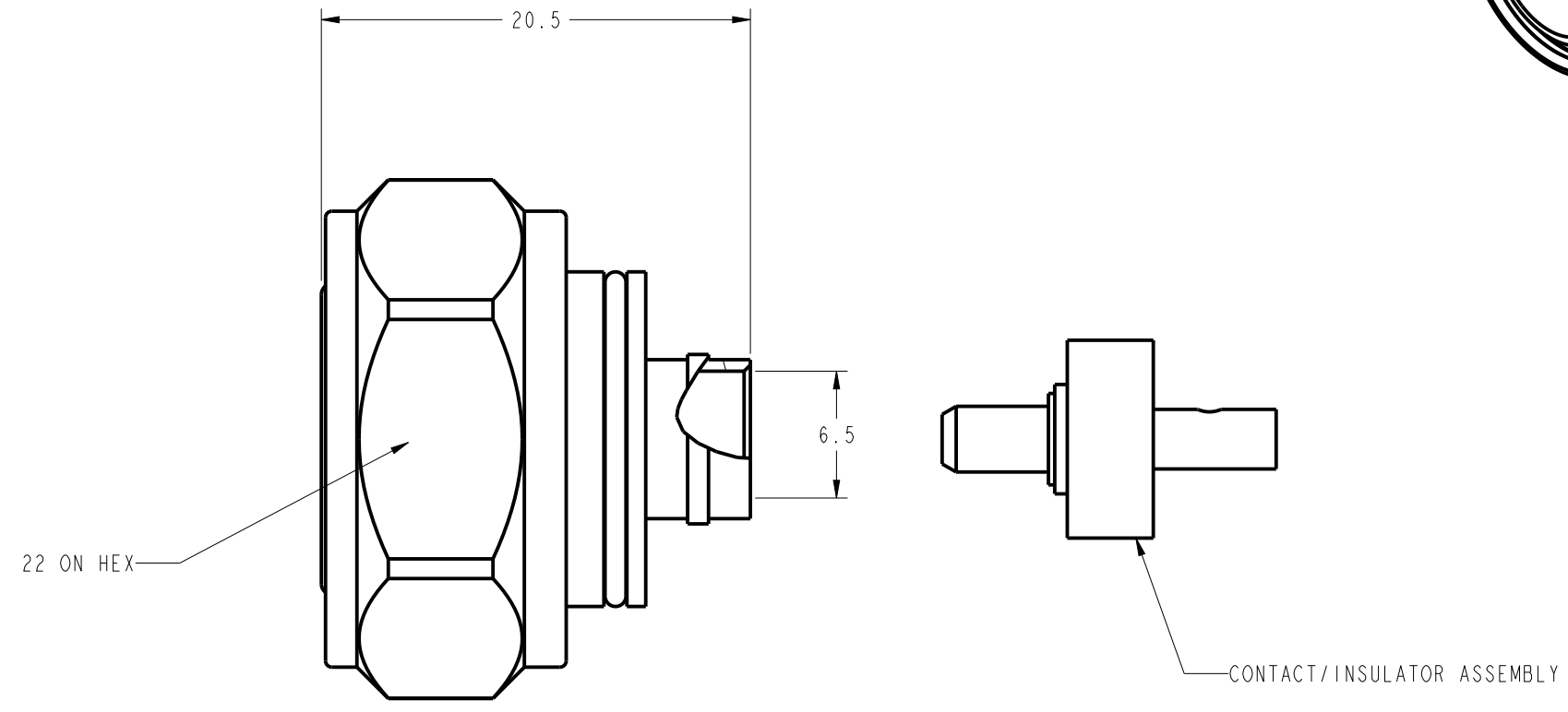
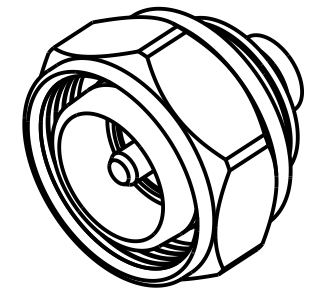
NOTES:

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:  $\leq -165$  dBc (2 X 43 dBm)  
 G. INSULATION RESISTANCE: 5000 m $\Omega$   
 H. CONTACT RESISTANCE: OUTER CONDUCTOR <1.5 m $\Omega$   
 INNER CONDUCTOR <1.0 m $\Omega$
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 ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL BRASS	DRAWN K. ELMES	DATE 09-Mar-16	TITLE 4.3/10SM FOR 0.250" SEMI-RIGID CABLE	Amphenol RF www.amphenolrf.com
	REFERENCE EAR #6645	ENGINEER K. ELMES	DATE 09-Mar-16		
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.	CONFIGURATION LEVEL:	APPROVED K. CAPOZZI	DATE 10/21/16	DWG SIZE B	REV A
	FINISH	CAD FILE			
				DRAWING NO. 431-124P-52S	ITEM NO. 431-124P-52S
				PART NO. 431-124P-52S	

# Mouser Electronics

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