

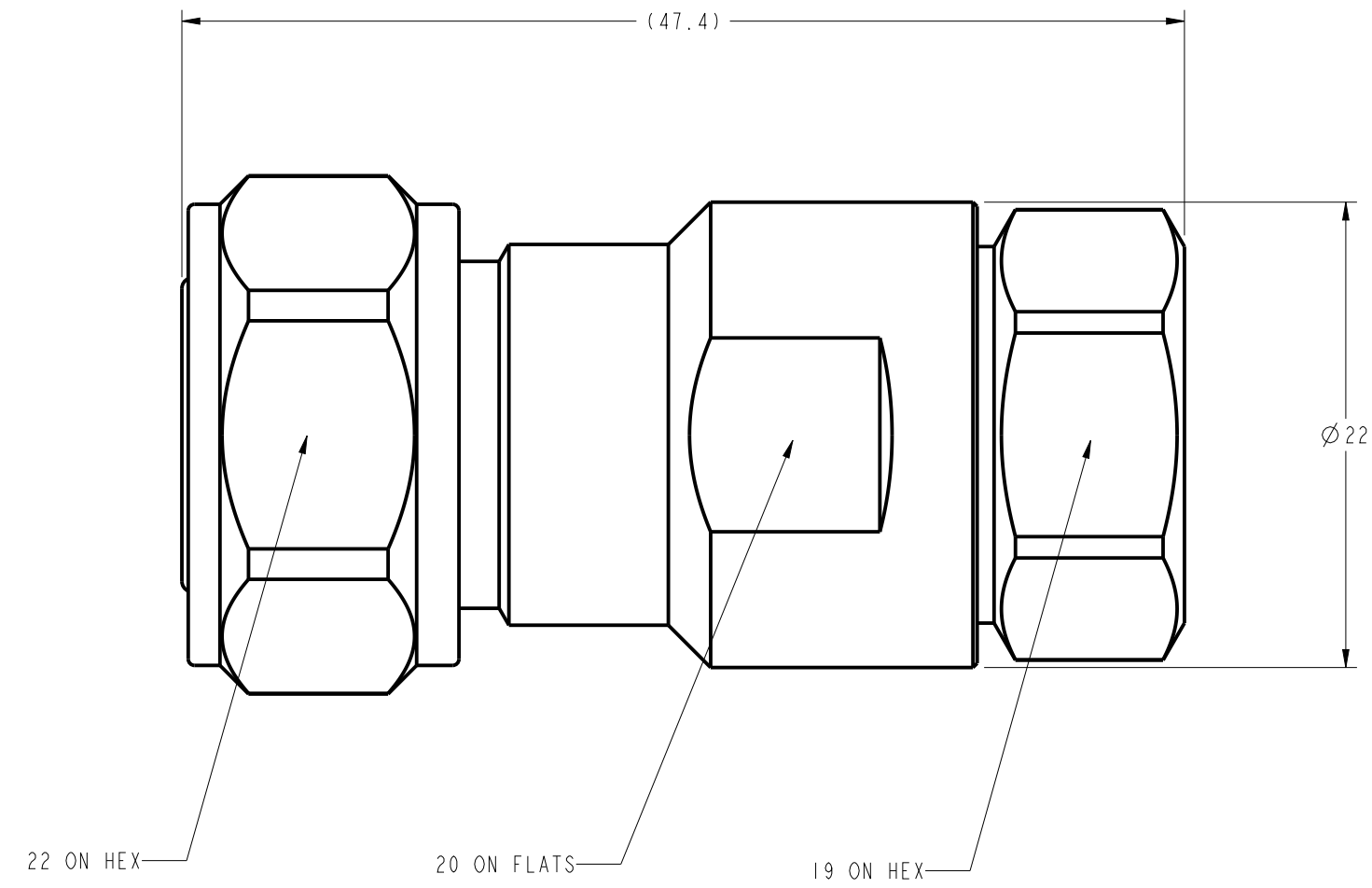
NOTES:

1. MATERIALS AND FINISHES:
  - BODY - BRASS, COPPER-TIN-ZINC PLATING (.00012 IN THICK)
  - CONTACTS - COPPER, SILVER PLATING (.0002 IN THICK)
  - NUT - BRASS, WHITE BRONZE PLATING (.0002 IN THICK)
  - INSULATOR - PTFE
  - O-RING - SILICONE RUBBER
2. ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 3 GHz
  - C. VSWR(RETURN LOSS): 1.1:1 MAX (0-3GHz)
  - D. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS, MIN.
  - E. INTERMODULATION:  $\leq -160$  dBc (2 X 43 dBm)
  - F. INSULATION RESISTANCE: 5000 m $\Omega$
  - G. CONTACT RESISTANCE: OUTER CONDUCTOR <1.0 m $\Omega$   
INNER CONDUCTOR <1.0 m $\Omega$
3. MECHANICAL:
  - A. DURABILITY: 100 CYCLES MIN.
  - B. TEMPERATURE RANGE: -40° C TO +85° C
4. ENVIRONMENTAL:
  - A. PLUG MEETS IP-67 STANDARD IN MATED CONDITION.
5. ASSEMBLY SPEC. 349-50929
6. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED  
"AMPHENOL, 431-126P-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	DRAWN K. ELMES	DATE 17-Mar-16	TITLE 4.3/10SM-1/2"H	Amphenol RF www.amphenolrf.com	
	REFERENCE EAR #6645	ENGINEER K. ELMES	DATE 17-Mar-16			
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			CAD FILE		DWG SIZE B	REV A

DRAWING NO. 431-126P-52S

ITEM NO. 431-126P-52S

PART NO. 431-126P-52S

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