

## NOTES:

## 1. MATERIALS AND FINISHES:

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

## 2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 3 GHz
- C. VSWR:  $\leq 1.1$
- D. INSERTION LOSS:  $\leq 0.05 + 0.05\sqrt{f}$  (GHz)
- E. DWS: 2500V
- F. INTERMODULATION:  $\leq -166$  dBc (2 X 43 dBm)

## 3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE:  $-40^\circ C$  TO  $+85^\circ C$

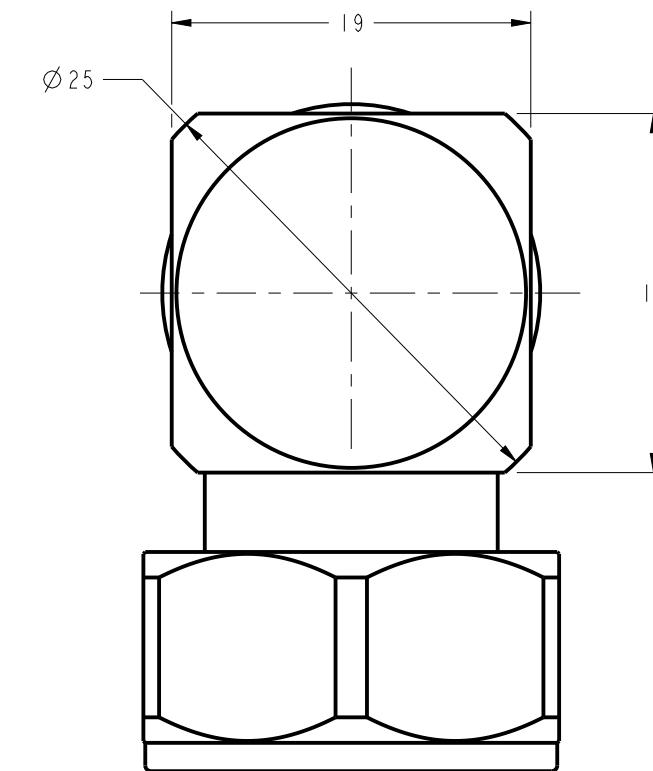
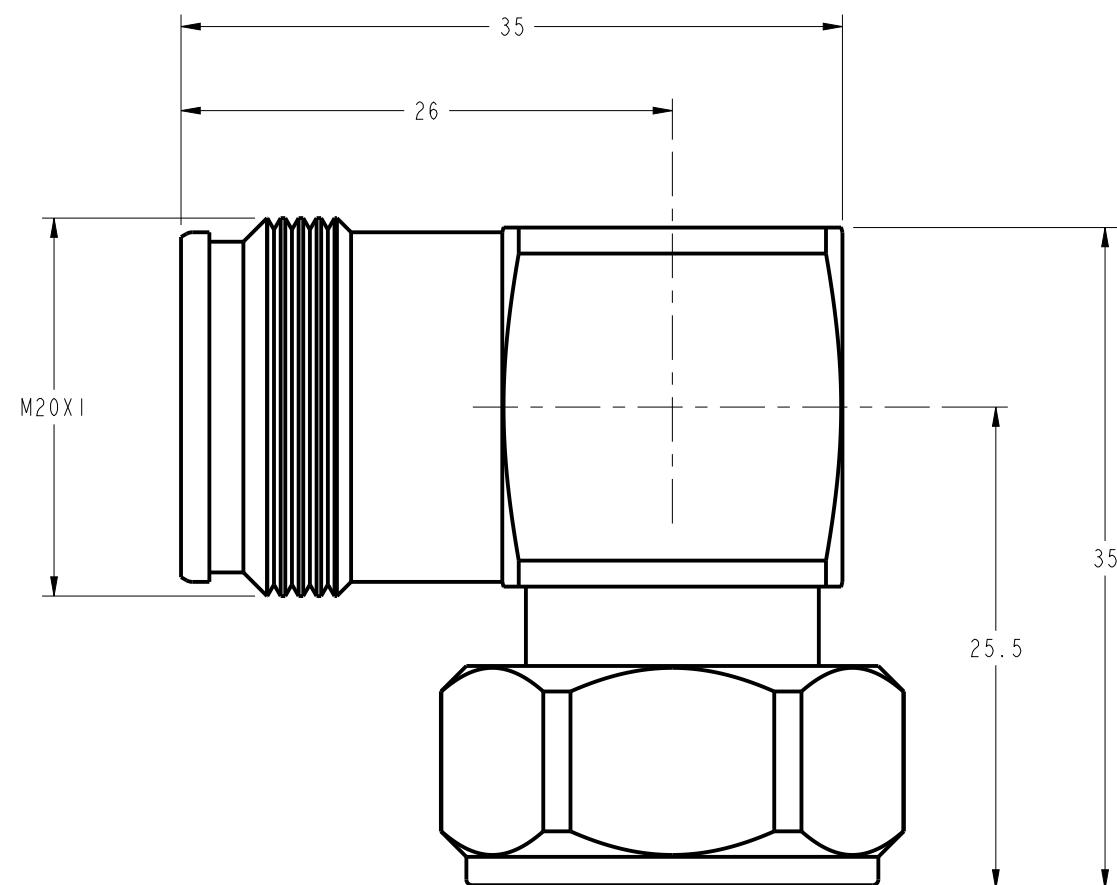
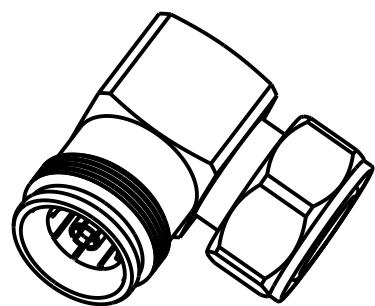
## 5. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, AD-4310P4310J-2, AND DATE CODE"

THIRD ANGLE PROJ. 

REVISI

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:  
 <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES  
 $\pm 0.05\text{mm}$   $\pm 0.1\text{mm}$   $\pm 0.2\text{mm}$   $\pm 0.3\text{mm}$   $\pm 1^\circ$

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MATERIAL	DRAWN K. ELMES	DATE 04-May-16	TITLE 4.3/10 PLUG TO 4.3/10 JACK R/A	Amphenol RF www.amphenolrf.com
	ENGINEER K. ELMES	DATE 04-May-16		
REFERENCE EAR# 7112	APPROVED K. CAPOZZI	DATE 6/15/16	DRAWING NO. AD-4310P4310J-2	ITEM NO. AD-4310P4310J-2
	CAD FILE	SCALE: 1.0:1.0		
CONFIGURATION LEVEL: In Work	DWG SIZE B	REV A	PART NO. AD-4310P4310J-2	
FINISH				

# Mouser Electronics

Authorized Distributor

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