

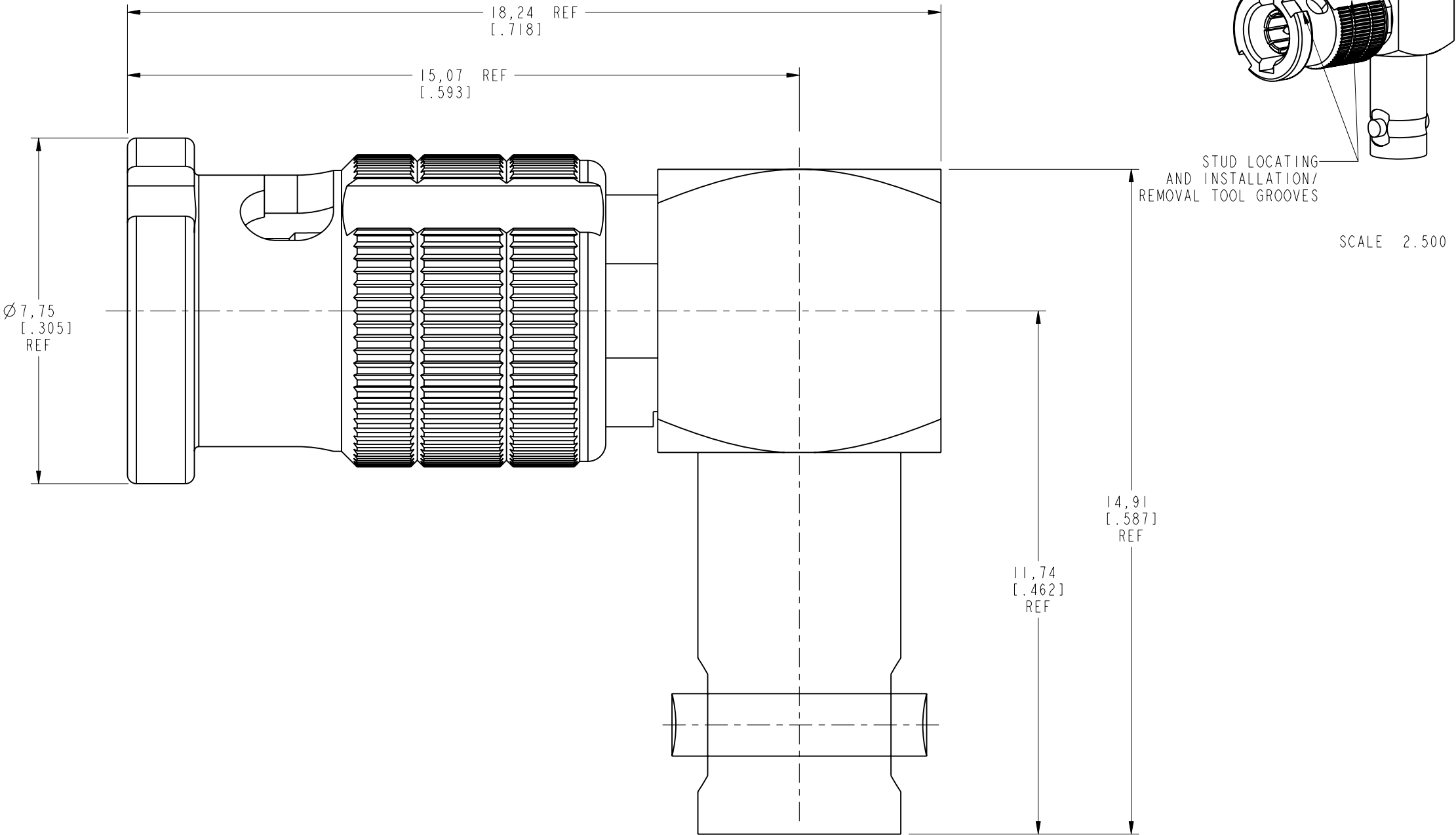
NOTES:

1. MATERIALS AND FINISHES:  
BODY, BAYONET SLEEVE & CAP - BRASS,NICKEL PLATING  
OUTER CONTACT - BeCu, NICKEL PLATING  
CONTACT (PLUG) - PHOSPHOR BRONZE, GOLD PLATING  
CONTACT (JACK) - BeCu, GOLD PLATING  
INSULATOR - PTFE
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE : DC - 6 GHz  
C. RETURN LOSS : -30 dB MIN @ DC-4GHz  
-25 dB MIN @ 4-6GHz
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C
4. ENVIRONMENTAL:  
A. THERMAL SHOCK PER MIL-STD-202 METHOD 107  
TEST CONDITION B (EXCEPT HIGH TEMP @200°C)  
B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B  
C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B  
D. CORROSION: MIL-STD-202 METHOD 101  
TEST CONDITION B 5% SALT SOLUTION
5. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED:  
"AMPHENOL RF, APH-RA-HDP-J-50 DATE CODE  
U.S. PATENT NO. 7,553,177"
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000.

THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	17-Apr-14	49428	JC



PROTECTED UNDER U.S. PATENT # 7,553,177

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°	MATERIAL		DRAWN		DATE		TITLE		Amphenol RF  www.amphenolrf.com		
	SEE NOTES		JEKY.C		17-Apr-14						
			ENGINEER		DATE		50 OHM HD-BNC R/A PLUG TO JACK ADAPTER		DRAWING NO. APH-RA-HDP-J-50		
			ABHAYA KISHORE		22-Nov-12						
	REFERENCE		APPROVED		DATE		SCALE: 9.0:1.0		SHEET 2 OF 2		
EAR # 5561		S.HSIEH		11-Jun-14							
CONFIGURATION LEVEL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		CAD FILE				DWG SIZE		REV			
		FINISH				B		A			
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										PART NO. APH-RA-HDP-J-50	

# Mouser Electronics

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