

NOTES:

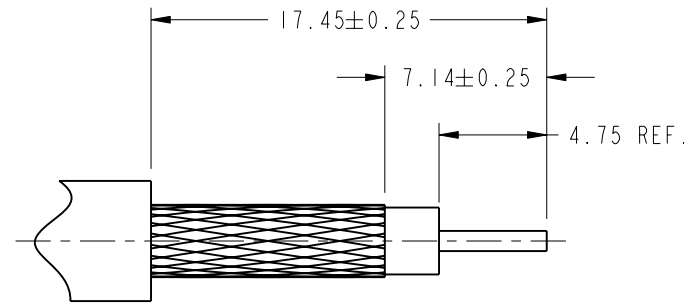
1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 CONTACT - PHOSPHOR BRONZE, GOLD PLATING  
 INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 11 GHz  
 C. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS, MIN.
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C
4. THIS CONNECTOR IS COVERED BY U.S. P. PATENT 3, 439, 294 & 3, 474, 391
5. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 82-5374, AND DATE CODE"
6. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO THE CABLE.  
 C. CRIMP OR SOLDER CABLE CENTER CONDUCTOR TO CENTER CONTACT.  
 CRIMP CONTACT PIN TO CABLE WITH AMPHENOL TOOL 227-944 AND DIE SET  
 227-1221-57, CLOSURE 'B' (0.100" HEX)  
 D. INSERT CENTER CONTACT INTO CONNECTOR WITH BRAID OVER THE REAR BODY  
 AND CRIMP FERRULE WITH AMPHENOL TOOL 227-944, (M22520/5-01) AND DIE SET  
 227-1221-57, CAVITY 'A' (0.213" HEX) (M22520/5-57, CLOSURE 'A').

7 SHOWS CABLE ENTRY DIMENSIONS.

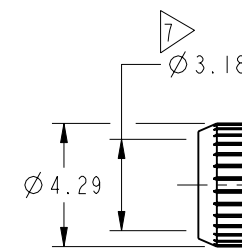
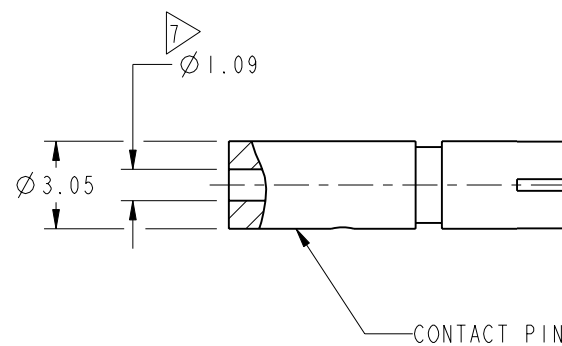
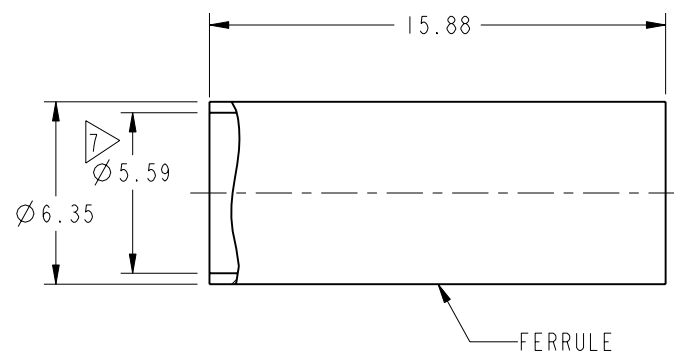
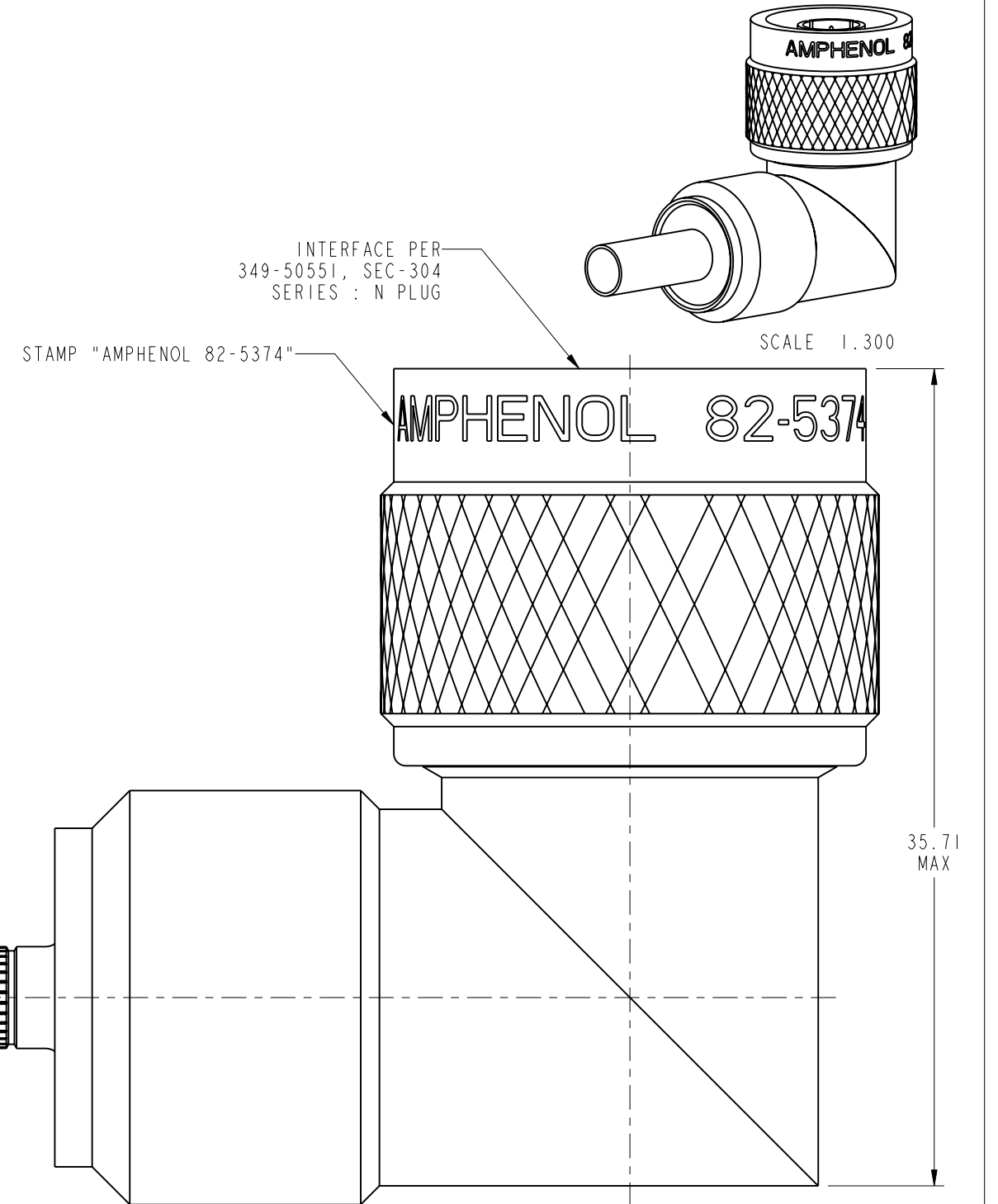
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
C	SEE SHEET 1	02-Dec-04	--	SH
T	SEE SHEET 1	24-Aug-09	47747	SH
U	REDRAWN IN PRO-E	29-May-15	49810	RAK



**RECOMMENDED CABLE STRIPPING DIMENSIONS**



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°

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MATERIAL	SEE NOTES
REFERENCE	EPA 802145-51 MOTOROLA 28009835F02 EAR 964616-0
FINISH	

DRAWN	STAR	DATE	29-May-15
ENGINEER	S. HSIEH	DATE	02-Dec-04
APPROVED	S. HSIEH	DATE	29-May-15
CAD FILE			

TITLE	
QUICK CRIMP 'N' RIGHT ANGLE PLUG FOR RG55/U, 55A/U, 55B/U, 142/U, 142B/U, 223/U CABLES	
SCALE: 3.8:1.0	SHEET 2 OF 2
DWG SIZE	REV
B	U

Amphenol RF	
www.amphenolrf.com	
DRAWING NO. 82-5374	
ITEM NO. 82-5374	
PART NO. 82-5374	