

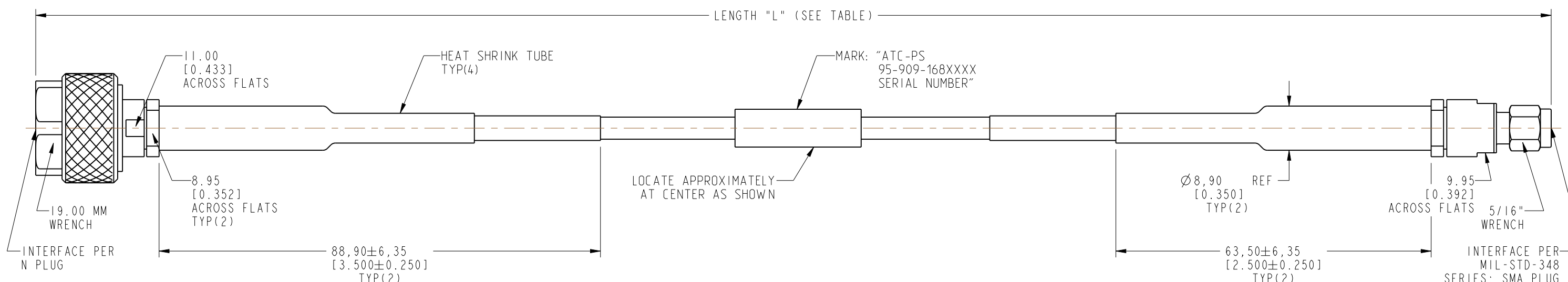
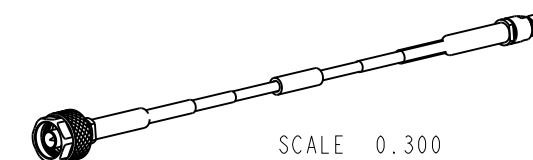
NOTES:

- MATERIALS AND FINISHES:
 BODY & COUPLING NUT - STAINLESS STEEL, PASSIVATED
 CONTACTS - BeCu, GOLD PLATED
 RETAINING RING - STAINLESS STEEL, NATURAL
 INSULATOR - PTFE, NATURAL
- ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. PHASE STABILITY: 4.6° MAX.
 C. AMPLITUDE STABILITY: 0.15 dB MAX.
- MECHANICAL:
 A. DURABILITY: 5000 CYCLES MIN.
 B. TEMPERATURE RANGE: -55°C TO 200°C
- PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED:
 "AMPHENOL RF, 95-909-168XXXX, AND DATE CODE"
 C. CONTENTS: CABLE ASSEMBLY, VSWR AND INSERTION PLOT OF INCLUDED CABLE, AND ROHS.

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	07-May-19	11448	BEW
B	IL VALUE & LENGTH TABLE UPDATED	26-Sep-19	13061	SK
C	NO CHANGES TO THIS SHEET	01-Oct-19	13124	BEW



PART NUMBER	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS dB (MAX.)
95-909-168-024	24.00 [0.610]	1.84
95-909-168-036	36.00 [0.914]	2.61
95-909-168M100	39.37.00[1.000]	2.84
95-909-168-048	48.00 [1.219]	3.37
95-909-168-060	60.00 [1.524]	4.14
95-909-168-072	72.00 [1.829]	4.90

DESIGN REQUIREMENTS:

- FREQUENCY: DC - 18 GHz CONTINUITY
- VSWR: 1.30 MAX. HI-POT: 1000 VRMS
- INS. LOSS: SEE TABLE OTHER

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°

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MATERIAL SEE NOTES	DRAWN B. WYMAN	DATE 17-Apr-19
REFERENCE EAR# 7108	ENGINEER B. WYMAN	DATE 17-Apr-19
REF: 95-902-466-XXX	APPROVED K. CAPOZZI	DATE 26-Sep-19
CONFIGURATION LEVEL: In Work	CAD FILE	
FINISH		

TITLE N STR PLUG TO SMA STR PLUG USING ATC-PS TEST CABLE	DWG SIZE B	REV C
SCALE: 1.3:1.0	SHEET 2 OF 2	

Amphenol RF	
www.amphenolrf.com	
DRAWING NO. 95-909-168XXXX	
ITEM NO. 95-909-168XXXX	
PART NO. 95-909-168XXXX	

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