NOTES:

1. MATERIALS AND FINISHES:
   BODIES, COUPLING NUTS - STAINLESS STEEL, PASSIVATED
   CONTACT - BERYLLIUM COPPER, GOLD PLATED
   RETAINING RING - STAINLESS STEEL
   INSULATOR - PTFE

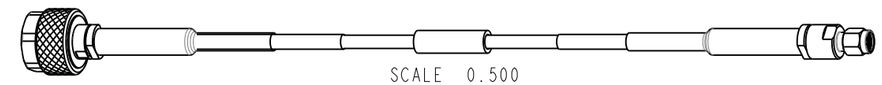
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHMS
   B. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN
   C. PHASE STABILITY: 4.6° MAX
   D. AMPLITUDE STABILITY: 0.15 dB MAX

3. MECHANICAL:
   A. DURABILITY: 5000 CYCLES MIN
   B. TEMPERATURE RANGE: -55°C TO 200°C

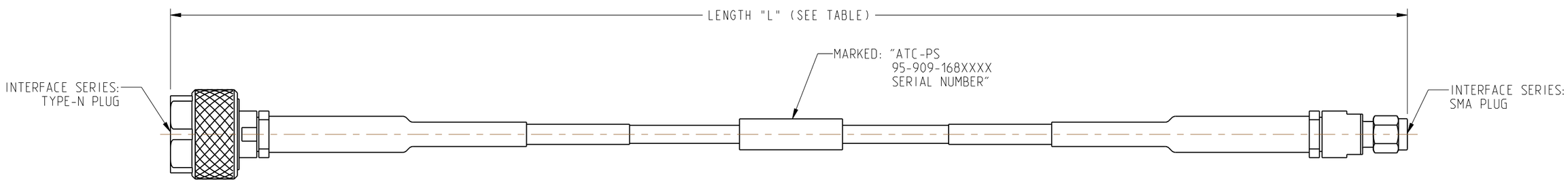
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED:
      "AMPHENOL RF, 95-909-168XXXX, AND DATE CODE"
   C. CONTENTS: CABLE ASSEMBLY, VSWR AND INSERTION PLOT OF
      INCLUDED CABLE, AND ROHS.

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	07-May-19	11448	BEW



SCALE 0.500



PART NUMBER	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS (MAX)
95-909-168-024	24.00 [0.601]	1.75 dB
95-909-168-036	36.00 [0.914]	2.47 dB
95-909-168-048	48.00 [1.219]	3.18 dB
95-909-168-060	60.00 [1.524]	3.90 dB
95-909-168-072	72.00 [1.829]	4.62 dB
95-909-168M100	39.37 [1.000]	2.71 dB

DESIGN REQUIREMENTS

- [X] FREQUENCY: DC TO 18 GHz
- [X] CONTINUITY
- [X] VSWR: SEE TABLE
- [X] HI-POT: 1000 VRMS
- [X] INS. LOSS: SEE TABLE
- [ ] OTHER

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°

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MATERIAL
-
-

REFERENCE
EAR# 7108
REF: ---

CONFIGURATION LEVEL: In Work

FINISH

DRAWN B.WYMAN	DATE 17-Apr-19
ENGINEER B.WYMAN	DATE 17-Apr-19
APPROVED K.CAPOZZI	DATE 07-May-19
CAD FILE	

TITLE
ATC-PS
TEST CABLE
TYPE-N(P) TO SMA(P)

SCALE: 1.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. 95-909-168XXXX
ITEM NO. 95-909-168XXXX
PART NO. 95-909-168XXXX