

NOTES:

I. MATERIALS AND FINISHES:

SMA STR PLUG - STAINLESS STEEL, GOLD PLATING
CABLE - 0.085 CONFORMABLE

2. ELECTRICAL:

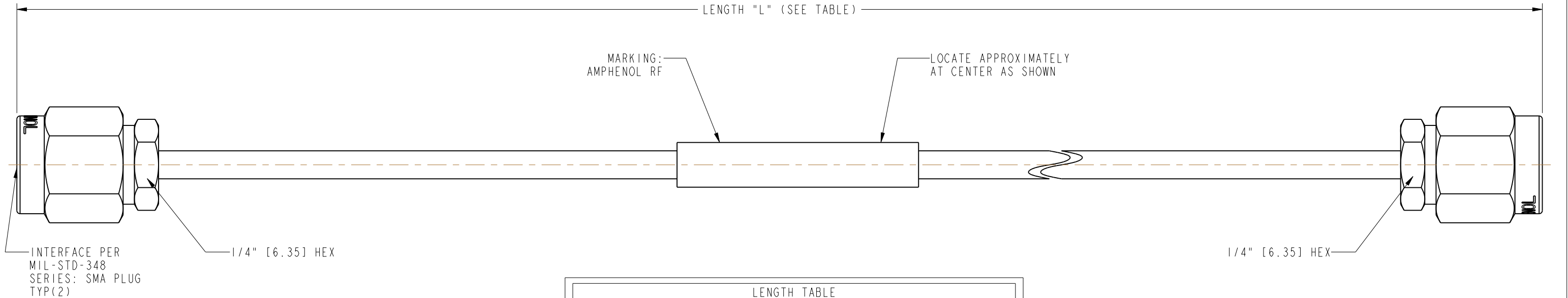
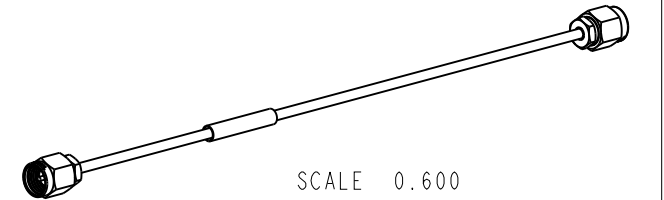
A. IMPEDANCE: 50 OHM

3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-449-XXX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	11/16/15	50824	VK
B	ADDED PNS FOR 3, 4, AND 5 IN LENGTHS	12/18/15	50911	JN



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS MAX (dB)
95-902-449-003	-	3.00 [0.076]	0.50
95-902-449-004	-	4.00 [0.102]	0.55
95-902-449-005	-	5.00 [0.127]	0.60
95-902-449-006	-	6.00 [0.152]	0.65
95-902-449-007	-	7.00 [0.178]	0.75
95-902-449-008	-	8.00 [0.203]	0.80
95-902-449-009	-	9.00 [0.229]	0.90
-	95-902-449M025	9.84 [0.250]	1.00
95-902-449-010	-	10.00 [0.254]	1.00
95-902-449-012	-	12.00 [0.305]	1.20
95-902-449-018	-	18.00 [0.457]	1.70
-	95-902-449M050	19.69 [0.500]	1.85
95-902-449-024	-	24.00 [0.610]	2.25
95-902-449-036	-	36.00 [0.914]	3.30
-	95-902-449M100	39.37 [1.000]	3.60

DESIGN REQUIREMENTS:

X FREQUENCY : DC TO 18 GHz

X VSWR : 1.650 MAX.

X	INS. LOSS : SEE TABLE
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X CONTINUITY

☒ HI-POT: 500 VRMS

☐ OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

2 PLACE DECIMAL	3 PLACE DECIMAL	ANGLES
±.015 (0,381 mm)	±.005 (0,127 mm)	± 1°

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	MATERIAL
1	1000
2	2000
3	3000
4	4000
5	5000
6	6000
7	7000
8	8000
9	9000
10	10000
11	11000
12	12000
13	13000
14	14000
15	15000
16	16000
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94	94000
95	95000
96	96000
97	97000
98	98000
99	99000
100	100000

SEE NOTES

DRAWN
J. NERI

DATE
02-Dec-15

ENGINEER
VIJIK

DATE
15-Oct-15

REFERENCE
EAR # 6826

APPROVED
K. CAPOZZI

DATE
12/18/15

CONFIGURATION LEVEL: In Work

CAD FILE

FINISH

TITLE

SMA STR PLUG TO SMA STR PLUG
WITH ANTI-TORQUE BODY,
USING 0.085 CONFORMABLE CABLE,
VARIOUS LENGTHS

SCALE: 3.3:1.0	SHEET 2 OF 2
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DWG SIZE
B

REV
B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 95-902-449-XXX

ITEM NO. 95-902-449-XXX

PART NO. 95-902-449-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY