

I. MATERIALS AND FINISHES:

SMA STR PLUG - STAINLESS STEEL, GOLD PLATING
CABLE - 0.141 CONFORMABLE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

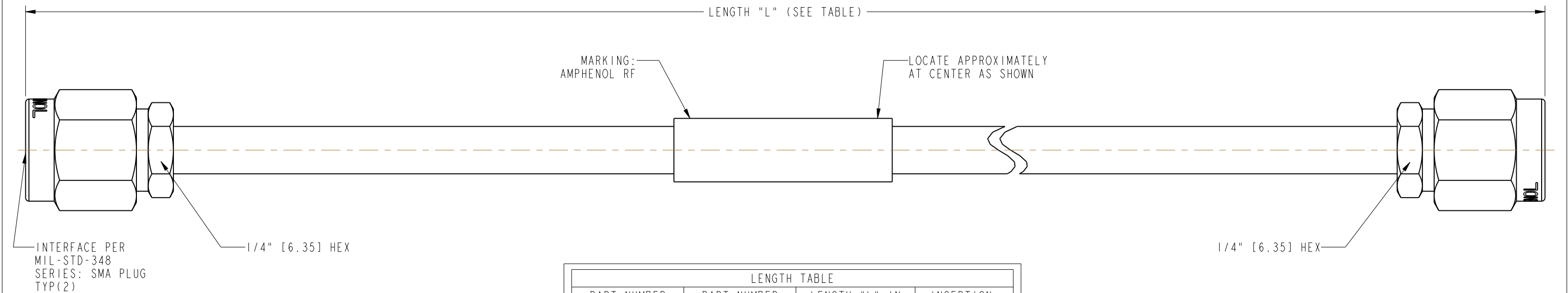
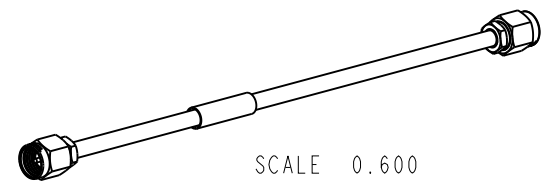
3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-450-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)
95-902-450-003	-	3.00 [0.076]	0.30
95-902-450-004	-	4.00 [0.102]	0.35
95-902-450-005	-	5.00 [0.127]	0.40
95-902-450-006	-	6.00 [0.152]	0.45
95-902-450-007	-	7.00 [0.178]	0.50
95-902-450-008	-	8.00 [0.203]	0.55
95-902-450-009	-	9.00 [0.229]	0.60
-	95-902-450M025	9.84 [0.250]	0.65
95-902-450-010	-	10.00 [0.254]	0.70
95-902-450-012	-	12.00 [0.305]	0.80
95-902-450-018	-	18.00 [0.457]	1.15
-	95-902-450M050	19.69 [0.500]	1.20
95-902-450-024	-	24.00 [0.610]	1.45
95-902-450-036	-	36.00 [0.914]	2.15
-	95-902-450M100	39.37 [1.000]	2.30

DESIGN REQUIREMENTS:

☒ FREQUENCY : DC TO 18 GHz	☒ CONTINUITY
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X	VSWR : 1.650 MAX.	X	HI-POT: 500 VRMS
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☒ INS. LOSS : SEE TABLE	☐ OTHER
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X CONTINUITY

X	HI-POT: 500 VRMS
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☐ 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

SEE NOTES

REFERENCE EAR # 6826

CONFIGURATION LEVEL: In Work

FINISH

DRAWN J. NERI	DATE 02-Dec-15
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DRAWN J. NERI	DATE 02-Dec-15
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ENGINEER	DATE
CLEMENT	15-Oct-15

ENGINEER	DATE
CLEMENT	15-Oct-15

APPROVED	DATE
K. CAPOZZI	12/18/15

APPROVED	DATE
K. CAPOZZI	12/18/15

CAD FILE

TITLE _____

SMA STR PLUG TO SMA STR PLUG,
WITH ANTI-TORQUE BODY
USING 0.141 CONFORMABLE CABLE,
VARIOUS LENGTHS

SCALE: 3.5:1.0	SHEET 2 OF 2
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DWG SIZE	REV
B	B

DWG SIZE	REV
B	B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 95-902-450-XXX

ITEM NO. 95-902-450-XXX

PART NO. 95-902-450-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY