

NOTES:

I. MATERIALS AND FINISHES:

SMA STR PLUG - STAINLESS STEEL, GOLD PLATING
CABLE - TFLEX 405

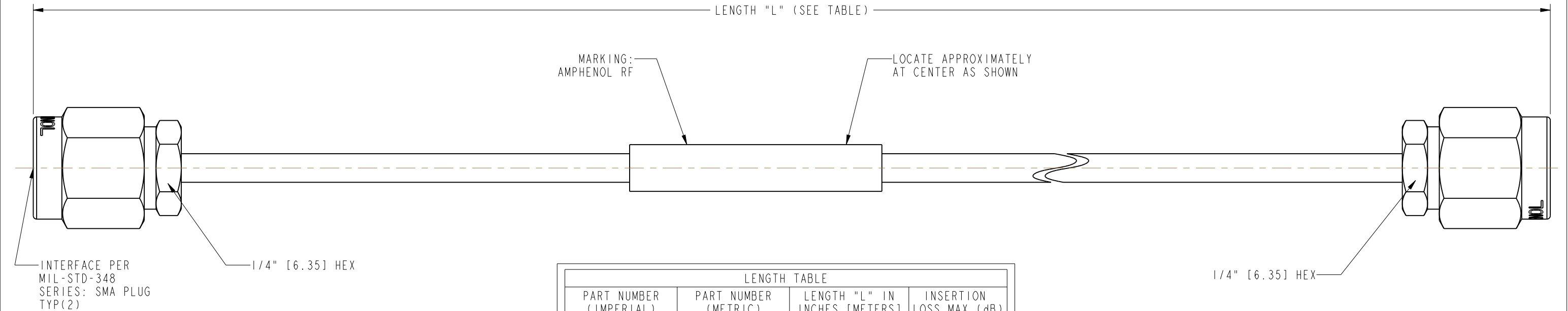
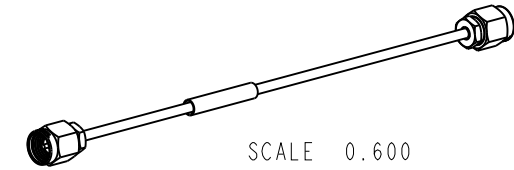
2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-451-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)
95-902-451-003	-	3.00 [0.076]	0.50
95-902-451-004	-	4.00 [0.102]	0.60
95-902-451-005	-	5.00 [0.127]	0.70
95-902-451-006	-	6.00 [0.152]	0.80
95-902-451-007	-	7.00 [0.178]	0.90
95-902-451-008	-	8.00 [0.203]	1.00
95-902-451-009	-	9.00 [0.229]	1.10
-	95-902-451M025	9.84 [0.250]	1.15
95-902-451-010	-	10.00 [0.254]	1.15
95-902-451-012	-	12.00 [0.305]	1.30
95-902-451-018	-	18.00 [0.457]	1.90
-	95-902-451M050	19.69 [0.500]	2.00
95-902-451-024	-	24.00 [0.610]	2.40
95-902-451-036	-	36.00 [0.914]	3.40
-	95-902-451M100	39.37 [1.000]	3.70

DESIGN REQUIREMENTS:

☒ FREQUENCY : DC TO 18 GHz ☒ CONTINUITY

☒ VSWR : 1.650 MAX. ☒ HI-POT: 500 VRMS

☒ INS. LOSS : SEE TABLE ☐ OTHER

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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ENGINEER	DATE
Viji K	15-Oct-15

APPROVED	DATE
K. CAPOZZI	12/18/15

CAD FILE

DATE 02-Dec-15	TITLE SMA STR PLUG TO SMA STR PLUG
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DATE 15-Oct-15	WITH ANTI-TORQUE BODY, USING TFLEX 405 CABLE,
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DATE	VARIOUS LENGTHS	
12/18/15	SCALE: 3.5:1.0	SHEET 2 OF 2

TITLE	SMA STR PLUG TO SMA STR PLUG WITH ANTI-TORQUE BODY, USING TFLEX 405 CABLE, VARIOUS LENGTHS
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SCALE: 3.5:1.0	SHEET 2 OF 2
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DWG SIZE
B

REV
B

Amphenol RF www.amphenolrf.com
DRAWING NO.95-902-451-XXX
ITEM NO.95-902-451-XXX
PART NO.95-902-451-XXX