

NOTES:

I. MATERIALS AND FINISHES:

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

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

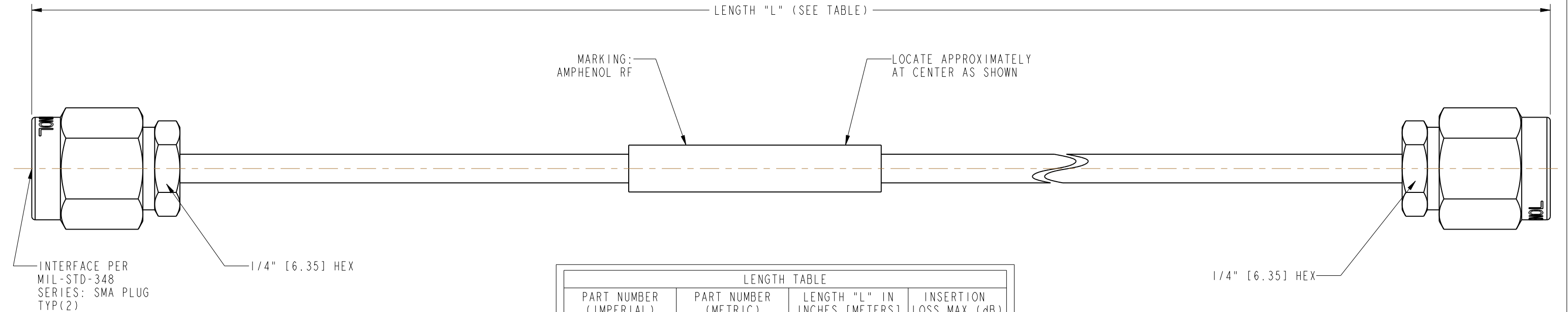
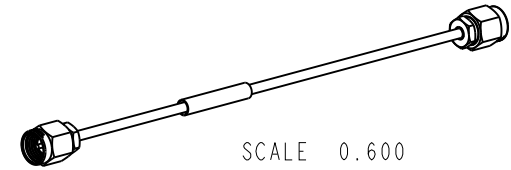
3. PACKAGING:

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:

X FREQUENCY : DC TO 18 GHz

X CONTINUITY

X VSWR : 1.650 MAX.

X HI-POT: 500 VRMS

X	INS. LOSS : SEE TABLE
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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
1	Steel plate, 1/2" thick, 6' x 8'
2	Aluminum plate, 1/4" thick, 6' x 8'
3	Copper plate, 1/8" thick, 6' x 8'
4	Brass plate, 1/4" thick, 6' x 8'
5	Stainless steel plate, 1/2" thick, 6' x 8'
6	Inconel plate, 1/4" thick, 6' x 8'
7	Titanium plate, 1/8" thick, 6' x 8'
8	Nickel plate, 1/4" thick, 6' x 8'
9	Zinc plate, 1/8" thick, 6' x 8'
10	Lead plate, 1/4" thick, 6' x 8'
11	Gold plate, 1/8" thick, 6' x 8'
12	Silver plate, 1/4" thick, 6' x 8'
13	Pt/Cr alloy plate, 1/8" thick, 6' x 8'
14	Monel plate, 1/4" thick, 6' x 8'
15	Hastelloy plate, 1/8" thick, 6' x 8'
16	Duralumin plate, 1/4" thick, 6' x 8'
17	Aluminum alloy plate, 1/8" thick, 6' x 8'
18	Carbon fiber plate, 1/4" thick, 6' x 8'
19	Kevlar plate, 1/8" thick, 6' x 8'
20	Fiberglass plate, 1/4" thick, 6' x 8'
21	GFRP plate, 1/8" thick, 6' x 8'
22	CFRP plate, 1/4" thick, 6' x 8'
23	Carbon fiber composite plate, 1/8" thick, 6' x 8'
24	Kevlar composite plate, 1/4" thick, 6' x 8'
25	Fiberglass composite plate, 1/8" thick, 6' x 8'
26	GFRP composite plate, 1/4" thick, 6' x 8'
27	CFRP composite plate, 1/8" thick, 6' x 8'
28	Carbon fiber reinforced plastic plate, 1/4" thick, 6' x 8'
29	Kevlar reinforced plastic plate, 1/8" thick, 6' x 8'
30	Fiberglass reinforced plastic plate, 1/4" thick, 6' x 8'
31	GFRP reinforced plastic plate, 1/8" thick, 6' x 8'
32	CFRP reinforced plastic plate, 1/4" thick, 6' x 8'
33	Carbon fiber reinforced epoxy plate, 1/8" thick, 6' x 8'
34	Kevlar reinforced epoxy plate, 1/4" thick, 6' x 8'
35	Fiberglass reinforced epoxy plate, 1/8" thick, 6' x 8'
36	GFRP reinforced epoxy plate, 1/4" thick, 6' x 8'
37	CFRP reinforced epoxy plate, 1/8" thick, 6' x 8'
38	Carbon fiber reinforced resin plate, 1/4" thick, 6' x 8'
39	Kevlar reinforced resin plate, 1/8" thick, 6' x 8'
40	Fiberglass reinforced resin plate, 1/4" thick, 6' x 8'
41	GFRP reinforced resin plate, 1/8" thick, 6' x 8'
42	CFRP reinforced resin plate, 1/4" thick, 6' x 8'
43	Carbon fiber reinforced polyester plate, 1/8" thick, 6' x 8'
44	Kevlar reinforced polyester plate, 1/4" thick, 6' x 8'
45	Fiberglass reinforced polyester plate, 1/8" thick, 6' x 8'
46	GFRP reinforced polyester plate, 1/4" thick, 6' x 8'
47	CFRP reinforced polyester plate, 1/8" thick, 6' x 8'
48	Carbon fiber reinforced urethane plate, 1/4" thick, 6' x 8'
49	Kevlar reinforced urethane plate, 1/8" thick, 6' x 8'
50	Fiberglass reinforced urethane plate, 1/4" thick, 6' x 8'
51	GFRP reinforced urethane plate, 1/8" thick, 6' x 8'
52	CFRP reinforced urethane plate, 1/4" thick, 6' x 8'
53	Carbon fiber reinforced polyurethane plate, 1/8" thick, 6' x 8'
54	Kevlar reinforced polyurethane plate, 1/4" thick, 6' x 8'
55	Fiberglass reinforced polyurethane plate, 1/8" thick, 6' x 8'
56	GFRP reinforced polyurethane plate, 1/4" thick, 6' x 8'
57	CFRP reinforced polyurethane plate, 1/8" thick, 6' x 8'
58	Carbon fiber reinforced acrylic plate, 1/4" thick, 6' x 8'
59	Kevlar reinforced acrylic plate, 1/8" thick, 6' x 8'
60	Fiberglass reinforced acrylic plate, 1/4" thick, 6' x 8'
61	GFRP reinforced acrylic plate, 1/8" thick, 6' x 8'
62	CFRP reinforced acrylic plate, 1/4" thick, 6' x 8'
63	Carbon fiber reinforced methacrylate plate, 1/8" thick, 6' x 8'
64	Kevlar reinforced methacrylate plate, 1/4" thick, 6' x 8'
65	Fiberglass reinforced methacrylate plate, 1/8" thick, 6' x 8'
66	GFRP reinforced methacrylate plate, 1/4" thick, 6' x 8'
67	CFRP reinforced methacrylate plate, 1/8" thick, 6' x 8'
68	Carbon fiber reinforced polycarbonate plate, 1/4" thick, 6' x 8'
69	Kevlar reinforced polycarbonate plate, 1/8" thick, 6' x 8'
70	Fiberglass reinforced polycarbonate plate, 1/4" thick, 6' x 8'
71	GFRP reinforced polycarbonate plate, 1/8" thick, 6' x 8'
72	CFRP reinforced polycarbonate plate, 1/4" thick, 6' x 8'
73	Carbon fiber reinforced PMMA plate, 1/8" thick, 6' x 8'
74	Kevlar reinforced PMMA plate, 1/4" thick, 6' x 8'
75	Fiberglass reinforced PMMA plate, 1/8" thick, 6' x 8'
76	GFRP reinforced PMMA plate, 1/4" thick, 6' x 8'
77	CFRP reinforced PMMA plate, 1/8" thick, 6' x 8'
78	Carbon fiber reinforced PC plate, 1/4" thick, 6' x 8'
79	Kevlar reinforced PC plate, 1/8" thick, 6' x 8'
80	Fiberglass reinforced PC plate, 1/4" thick, 6' x 8'
81	GFRP reinforced PC plate, 1/8" thick, 6' x 8'
82	CFRP reinforced PC plate, 1/4" thick, 6' x 8'
83	Carbon fiber reinforced PETG plate, 1/8" thick, 6' x 8'
84	Kevlar reinforced PETG plate, 1/4" thick, 6' x 8'
85	Fiberglass reinforced PETG plate, 1/8" thick, 6' x 8'
86	GFRP reinforced PETG plate, 1/4" thick, 6' x 8'
87	CFRP reinforced PETG plate, 1/8" thick, 6' x 8'
88	Carbon fiber reinforced PLA plate, 1/4" thick, 6' x 8'
89	Kevlar reinforced PLA plate, 1/8" thick, 6' x 8'
90	Fiberglass reinforced PLA plate, 1/4" thick, 6' x 8'
91	GFRP reinforced PLA plate, 1/8" thick, 6' x 8'
92	CFRP reinforced PLA plate, 1/4" thick, 6' x 8'
93	Carbon fiber reinforced PBT plate, 1/8" thick, 6' x 8'
94	Kevlar reinforced PBT plate, 1/4" thick, 6' x 8'
95	Fiberglass reinforced PBT plate, 1/8" thick, 6' x 8'
96	GFRP reinforced PBT plate, 1/4" thick, 6' x 8'
97	CFRP reinforced PBT plate, 1/8" thick, 6' x 8'
98	Carbon fiber reinforced PET plate, 1/4" thick, 6' x 8'
99	Kevlar reinforced PET plate, 1/8" thick, 6' x 8'
100	Fiberglass reinforced PET plate, 1/4" thick, 6' x 8'
101	GFRP reinforced PET plate, 1/8" thick, 6' x 8'
102	CFRP reinforced PET plate, 1/4" thick, 6' x 8'
103	Carbon fiber reinforced PA66 plate, 1/8" thick, 6' x 8'
104	Kevlar reinforced PA66 plate, 1/4" thick, 6' x 8'
105	Fiberglass reinforced PA66 plate, 1/8" thick, 6' x 8'
106	GFRP reinforced PA66 plate, 1/4" thick, 6' x 8'
107	CFRP reinforced PA66 plate, 1/8" thick, 6' x 8'
108	Carbon fiber reinforced PA12 plate, 1/4" thick, 6' x 8'
109	Kevlar reinforced PA12 plate, 1/8" thick, 6' x 8'
110	

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 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.amphenorfr.com

DRAWING NO. 95-902-451-XXX

ITEM NO. 95-902-451-XXX

PART NO. 95-902-451-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Данный компонент на территории Российской Федерации

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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