

NOTES:

I. MATERIALS AND FINISHES:
SMP STR PLUG - BeCu, GOLD PLATING
CABLE - TFLEX 405

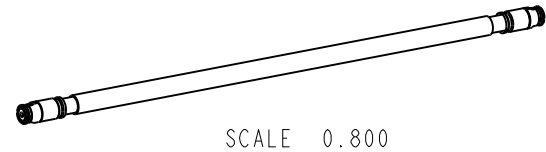
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-725-107-XXX AND DATE CODE"

THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	22-Oct-14	50205	BCG
B	FREQUENCY 20 WAS 26.5 GHz, VSWR UPDATED, 48.00" & METRIC LENGTHS ADDED	14-Oct-16	2146	VK
C	METRIC PART NUMBER UPDATED	28-Feb-17	3143	VK



SCALE 0.800

- LENGTH 'L' (SEE TABLE)

-INTERFACE PER
MIL-STD-348
SERIES: SMP PLUG
TYP(2)

0.100 MAX
TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH AND TOLERANCE 'L' IN INCHES [METERS]
95-725-107-030	-	3.00 [0.076]
95-725-107-040	-	4.00 [0.102]
95-725-107-050	-	5.00 [0.127]
95-725-107-060	-	6.00 [0.152]
95-725-107-070	-	7.00 [0.178]
95-725-107-080	-	8.00 [0.203]
95-725-107-090	-	9.00 [0.229]
-	95-725-107M025	9.84 [0.250]
95-725-107-100	-	10.00 [0.254]
95-725-107-110	-	11.00 [0.279]
95-725-107-120	-	12.00 [0.305]
95-725-107-180	-	18.00 [0.457]
-	95-725-107M050	19.69 [0.500]
95-725-107-240	-	24.00 [0.610]
-	95-725-107M075	29.53 [0.750]
95-725-107-360	-	36.00 [0.914]
-	95-725-107M100	39.37 [1.000]
95-725-107-480	-	48.00 [1.219]
-	95-725-107M200	78.74 [2.000]
-	95-725-107M400	157.48 [4.000]

DESIGN REQUIREMENTS:

X FREQUENCY : DC TO 20 GHz

X CONTINUITY

X VSWR : 1.25 MAX. [DC-6 GHz]
1.50 MAX. [6-12.5 GHz]
1.75 MAX. [12.5-20 GHz]

X HI-POT : 500 VRMS

INS. LOSS: ____ dB MAX

☐ 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 # 6454

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
RAJAGOPAL N

ENGINEER
RAJAGOPAL N

APPROVED
K. CAPOZZI

CAD FILE

DATE
24-Sep-14

DATE
24-Sep-14

DATE
28-Feb-17

TITLE
SMP STR PLUG TO
SMP STR PLUG USING
TFLEX 405 CABLE,
VARIOUS LENGTH

SCALE: 3.8:1.0	SHEET 2 OF 2
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DWG SIZE
B

REV
C

Amphenol RF

www.amphenorfrf.com

DRAWING NO. 95-725-107-XXX

ITEM NO. 95-725-107-XXX

PART NO. 95-725-107-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY