

NOTES•

1. MATERIALS AND FINISHES•
SMP STR PLUG - BeCu, GOLD PLATING
CABLE - TFLX 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.

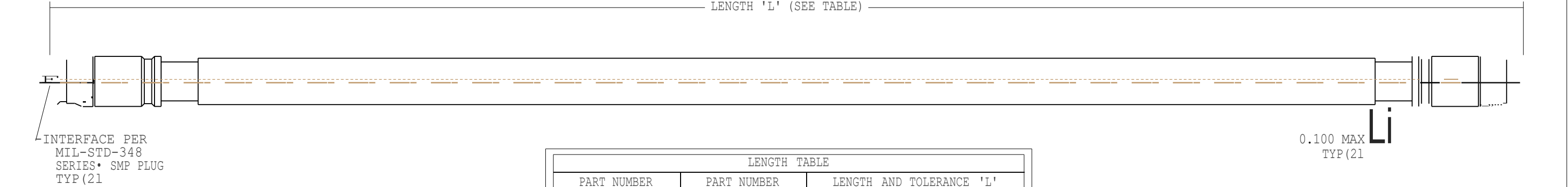
EI

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" & METERIC LENGTHS ADDED	14-Oct - 16	2146	VK
C	METRIC PART NUMBER UPDATED	28-Feb- 17	3143	VK

SCALE 0.800

ri:J)



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]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0-0607]	±0.25" [0.006]
24.00" - 59.00"[0.610 - 1.499]	±0.50" [0.013]
5.0'- 24.9'[1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS

DJ

FREQUENCY DC TO 20 GHz

D]vswR 1.25MAX. [DC-6GHz1 I.50 MAX. [6-12.5 GHz] I. 75 MAX.[12.5-20 GHz]

W

CONTINUITY

W HI -POT 500 VRMS

☐ INS. LOSS dB MAX

☐ OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE

2 PLACE DECIMAL ±.015 (0,381 mm)

3 PLACE DECIMAL ±.005 (0,127 mm)

ANGLES ± 1°

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MATERIAL

SEE NOTES

REFERENCE EAR# 6454

CONFIGURATION LEVEL. In Work

F IN ISH

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 TFLX 405 CABLE, VARIOUS LENGTH

SCALE• 3.8• I. 0 SHEET 2 OF 2

DWG SIZE B

REV C

Amphenol RF

www.amp hen o l r f.com

DRAWING NO.95-725-107-XXX

ITEM NO.95-725-107-XXX

PART NO.95-725- 107-XXX

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

