

NOTES:

1. MATERIALS AND FINISHES:
SMP STR PLUG - BeCu, GOLD PLATING
SMP RA PLUG - BeCu, GOLD PLATING
CABLE - 0.086" CONFORMABLE

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-725-118-XXX AND DATE CODE".

THIRD ANGLE PROJ.

REVDESCRIPTIONDATEECOAPPR
ARELEASE TO MFG.11-Jun-1911801VR

SCALE 0.600

LENGTH 'L' (SEE TABLE)

WHITE HEAT SHRINK TUBE
WITH BLACK MARKING

MARKING:
AMPHENOL RF

0.750±0.050
[19,05±1,27]

LOCATE APPROXIMATELY
AT CENTER AS SHOWN

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

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
-	95-725-118M005	1.97 [0.050]
95-725-118-003	-	3.00 [0.076]
-	95-725-118M010	3.94 [0.100]
95-725-118-004	-	4.00 [0.102]
95-725-118-005	-	5.00 [0.127]
-	95-725-118M015	5.91 [0.150]
95-725-118-006	-	6.00 [0.152]
95-725-118-007	-	7.00 [0.178]
-	95-725-118M020	7.87 [0.200]
95-725-118-008	-	8.00 [0.203]
95-725-118-009	-	9.00 [0.229]
-	95-725-118M025	9.84 [0.250]
95-725-118-010	-	10.00 [0.254]
95-725-118-011	-	11.00 [0.279]
-	95-725-118M030	11.81 [0.300]
95-725-118-012	-	12.00 [0.305]
95-725-118-018	-	18.00 [0.457]
-	95-725-118M050	19.69 [0.500]
95-725-118-024	-	24.00 [0.610]
-	95-725-118M075	29.53 [0.750]
95-725-118-036	-	36.00 [0.914]
-	95-725-118M100	39.37 [1.000]
95-725-118-048	-	48.00 [1.219]
-	95-725-118M200	78.74 [2.000]
-	95-725-118M400	157.48 [4.000]

TOLERANCE TABLE

LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±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:

☒ FREQUENCY: DC - 20 GHz

☒ CONTINUITY

☐ VSWR: ____ MAX.

☒ 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 # 9091

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
VIJAY N M

ENGINEER
VIJAY N M

APPROVED
K.CAPOZZI

CAD FILE

DATE
21-May-19

DATE
21-May-19

DATE
11-Jun-19

TITLE
SMP STR PLUG TO
SMP RA PLUG USING
0.086" CONFORMABLE CABLE
VARIOUS LENGTH

SCALE: 2.5:1.0

SHEET 2 OF 2

DWG SIZE
B

REV
A

Amphenol RF
www.amphenolrf.com

DRAWING NO.95-725-118-XXX

ITEM NO.95-725-118-XXX

PART NO.95-725-118-XXX

CUSTOMER OUTLINE DRAWING

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