

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:
MMCX RA PLUG - BRASS, GOLD PLATING
CABLE - RG 174

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-900-550-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNBY
ARELEASE TO MFG.09-JUN-2115738DK

SCALE 0.800

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

25.40±1.27
[1.000±0.050]
TYP(2)

INTERFACE PER
MMCX PLUG
TYP(2)

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-900-550-006	-	6.00 [0.152]
-	95-900-550M025	9.84 [0.250]
95-900-550-012	-	12.00 [0.305]
95-900-550-018	-	18.00 [0.457]
-	95-900-550M050	19.69 [0.500]
95-900-550-024	-	24.00 [0.610]
-	95-900-550M075	29.53 [0.750]
95-900-550-036	-	36.00 [0.914]
-	95-900-550M100	39.37 [1.000]
95-900-550-048	-	48.00 [1.219]
-	95-900-550M200	78.74 [2.000]
-	95-900-550M300	118.11 [3.000]

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 - 1 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 300 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

THIRD ANGLE PROJ.

REFERENCE

EAR#
10679

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [$<0.020 = \pm 0.002$]
>0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
>6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
>30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]

ANGLES = ±1°

MATERIAL

SEE NOTES

ENGINEER
DINESH A

DATE
10-MAY-21

TITLE
MMCX RA PLUG TO
MMCX RA PLUG
USING RG 174 CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.2:1.0

SIZE
B

DRAWING NO. 95-900-550-XXX

ITEM NO. 95-900-550-XXX

PART NO. 95-900-550-XXX

REV
A

Amphenol RF

5

4

3

2

1

Downloaded from Arrow.com