

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:
MCX RA PLUG - BeCu, 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, 95-900-547-XXX AND DATE CODE"

REV

DESCRIPTION

DATE

ECN

BY

A

RELEASE TO MFG.

09-JUN-21

15735

DK

SCALE 0.700

HEAT SHRINK TUBE
TYP(2)

25.40±1.27
[1.000±0.050]
TYP(2)

LENGTH 'L' (SEE TABLE)

INTERFACE PER
MCX PLUG
TYP(2)

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 1 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 750 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-900-547-006	-	6.00 [0.152]
-	95-900-547M025	9.84 [0.250]
95-900-547-012	-	12.00 [0.305]
95-900-547-018	-	18.00 [0.457]
-	95-900-547M050	19.69 [0.500]
95-900-547-024	-	24.00 [0.610]
-	95-900-547M075	29.53 [0.750]
95-900-547-036	-	36.00 [0.914]
-	95-900-547M100	39.37 [1.000]
95-900-547-048	-	48.00 [1.219]
-	95-900-547M200	78.74 [2.000]
-	95-900-547M300	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%

THIRD ANGLE PROJ.

REFERENCE

EAR#
10676

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

MCX RA PLUG TO
MCX RA PLUG
USING RG 174 CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.7:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-900-547-XXX
ITEM NO. 95-900-547-XXX
PART NO. 95-900-547-XXX

REV
A

Mouser Electronics

Authorized Distributor

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