

NOTES:

1. MATERIALS AND FINISHES:
N RA PLUG - BRASS, NICKEL PLATING
RP TNC STR BHD JACK - BRASS, NICKEL PLATING
CABLE - LMR 240

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-909-189-XXX AND DATE CODE"

Ø13.00
[0.512]

12.10
[0.476]

**RECOMMENDED MOUNTING
HOLE DIMENSIONS**

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	18-NOV-20	15409	CL

SCALE 0.300

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

INTERFACE PER
MIL-STD-348
SERIES: N PLUG

7.00 REF
[0.276]

11.80 [0.465]
'D' FLAT

25.40±1.27
[1.000±0.050]
TYP(2)

11/16" WRENCH

1/12-28UNEF-2A
THREAD

7/16-28UNEF-2A
THREAD

16.00 MM WRENCH

GASKET

LOCK WASHER

INTERFACE PER
RP TNC JACK

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-909-189-006	-	6.00 [0.152]
-	95-909-189M025	9.84 [0.250]
95-909-189-012	-	12.00 [0.305]
95-909-189-018	-	18.00 [0.457]
-	95-909-189M050	19.69 [0.500]
95-909-189-024	-	24.00 [0.610]
95-909-189-036	-	36.00 [0.914]
-	95-909-189M100	39.37 [1.000]
95-909-189-048	-	48.00 [1.219]

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 - 6 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 1000 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

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THIRD ANGLE PROJ.

REFERENCE

EAR#
10182

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
CLEMENT

DATE
14-OCT-20

TITLE
N RA PLUG TO
RP TNC STR BHD JACK
USING LMR 240 CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.0:1.0

SIZE
B

DRAWING NO. 95-909-189-XXX

ITEM NO. 95-909-189-XXX

PART NO. 95-909-189-XXX

REV
A