

5

4

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1

NOTES:

1. MATERIALS AND FINISHES:  
N RA PLUG - BRASS, NICKEL PLATING  
RP TNC STR JACK - BRASS, NICKEL PLATING  
CABLE - LMR 400

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM

3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-909-190-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNAPPR

ARELEASE TO MFG.18-NOV-2015409CL

SCALE 0.300

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE  
TYP(2)

25.40±1.27  
[1.000±0.050]  
TYP(2)

INTERFACE PER  
RP TNC JACK

INTERFACE PER  
MIL-STD-348  
SERIES: N PLUG

LENGTH TABLE

| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L'<br>IN INCHES [METERS] |
|---------------------------|-------------------------|----------------------------------|
| 95-909-190-012            | -                       | 12.00 [0.305]                    |
| -                         | 95-909-190M050          | 19.69 [0.500]                    |
| 95-909-190-024            | -                       | 24.00 [0.610]                    |
| 95-909-190-036            | -                       | 36.00 [0.914]                    |
| -                         | 95-909-190M100          | 39.37 [1.000]                    |
| 95-909-190-048            | -                       | 48.00 [1.219]                    |
| 95-909-190-072            | -                       | 72.00 [1.829]                    |
| -                         | 95-909-190M200          | 78.74 [2.000]                    |
| -                         | 95-909-190M400          | 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 - 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

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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  
12-OCT-20

TITLE  
N RA PLUG TO  
RP TNC STR JACK  
USING LMR 400 CABLE  
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.4:1.0

SIZE  
B

DRAWING NO. 95-909-190-XXX

ITEM NO. 95-909-190-XXX

PART NO. 95-909-190-XXX

REV  
A

THIRD ANGLE PROJ.

REFERENCE

EAR#  
10183

5

4

3

2

1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

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