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NOTES:

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

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-228-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNAPPR

ARELEASE TO MFG.24-JUN-2015247EH

SCALE0.400

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

1.000 REF
[25.40]
TYP(2)

9/16" ACROSS FLATS

0.622 HEX
[14.85]

INTERFACE PER
MIL-STD-348
SERIES: TNC PLUG

9/16" WRENCH

7/16-28UNEF-2A
THREAD

INTERFACE PER
MIL-STD-348
SERIES: TNC JACK

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-850-228-012	-	12.00 [0.305]
95-850-228-024	-	24.00 [0.610]
95-850-228-036	-	36.00 [0.914]
-	95-850-228M100	39.37 [1.000]
95-850-228-048	-	48.00 [1.219]
95-850-228-072	-	72.00 [1.829]
-	95-850-228M200	78.74 [2.000]
-	95-850-228M300	118.11 [3.000]
-	95-850-228M400	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 - 8 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 750 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

THIRD ANGLE PROJ.

REFERENCE

EAR#
EAR # 9189

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

ANGLES = ±1°

MATERIAL

SEE NOTES

ENGINEER
VIJAY N M

DATE
14-MAY-20

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

SHEET NO. 2 OF 2

SCALE: 1.4:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-850-228-XXX
ITEM NO. 95-850-228-XXX
PART NO. 95-850-228-XXX

REV
A

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