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NOTES:

1. MATERIALS AND FINISHES:
BNC STR PLUG - BRASS, NICKEL PLATING
SMA STR PLUG - BRASS, GOLD PLATING
CABLE - RG 316 DB

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-250-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNAPPR
ARELEASE TO MFG.25-JUN-2015249MR

SCALE 0.600

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

25.40 REF
[1.000]
TYP(2)

8.00 MM
WRENCH

INTERFACE PER
MIL-STD-348
SERIES: BNC PLUG

INTERFACE PER
MIL-STD-348
SERIES: SMA PLUG

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-850-250-006	-	6.00 [0.152]
95-850-250-012	-	12.00 [0.305]
95-850-250-018	-	18.00 [0.457]
95-850-250-024	-	24.00 [0.610]
95-850-250-036	-	36.00 [0.914]
-	95-850-250M100	39.37 [1.000]
95-850-250-048	-	48.00 [1.219]
-	95-850-250M200	78.74 [2.000]
-	95-850-250M300	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 - 6 GHz

☒ CONTINUITY

☐ VSWR _____ : 1 MAX.

☒ HI-POT: 1000 VRMS

☐ INS. LOSS :_____ dB MAX.

☐ OTHER

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THIRD ANGLE PROJ.REFERENCE

EAR#
9923

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
MADHAN G

DATE
03-JUN-20

TITLE
BNC STR PLUG TO
SMA STR PLUG USING
RG 316 DB CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.6:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-850-250-XXX
ITEM NO. 95-850-250-XXX
PART NO. 95-850-250-XXX

REV
A

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