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NOTES:

1. MATERIALS AND FINISHES:
BNC STR PLUG - BRASS, NICKEL PLATING
BNC RA PLUG - BRASS, NICEL PLATING
CABLE - RG 58

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 115103-04-XX-XX, AND DATE CODE"

REVISIONS

REV	DESCRIPTION	DATE	ECN	BY
-	RELEASE TO MFG.	--	--	--
B	SEE SHEET 1	04-APR-16	287	NR
C	NO CHANGES TO THIS SHEET	08-FEB-22	16112	VK

SCALE 0.400

LENGTH 'L' (SEE TABLE)

STRAIN RELIEF BOOT TYP(2)

INTERFACE PER MIL-STD-348 SERIES: BNC PLUG TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
-	115103-04-M0.10	3.94 [0.100]
115103-04-06.00	-	6.00 [0.152]
-	115103-04-M0.25	9.84 [0.250]
115103-04-12.00	-	12.00 [0.305]
115103-04-18.00	-	18.00 [0.457]
-	115103-04-M0.50	19.69 [0.500]
115103-04-24.00	-	24.00 [0.610]
-	115103-04-M0.75	29.53 [0.750]
115103-04-36.00	-	36.00 [0.914]
-	115103-04-M1.00	39.37 [1.000]
115103-04-48.00	-	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: ____ TO ____ GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 1000 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

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THIRD ANGLE PROJ.

REFERENCE

ENG.#
EAR # 7090

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

ENGR.1
KARTHIK R

ENGR.2

DATE
17-FEB-16

TITLE
BNC STR PLUG TO
BNC RA PLUG
USING RG 58 CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.9:1.0

Amphenol RF

SIZE
B

DRAWING NO. 115103-04-XX-XX

ITEM NO. 115103-04-XX-XX

PART NO. 115103-04-XX-XX

REV
C

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