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NOTES:

1. MATERIALS AND FINISHES:
BNC STR PLUG - BRASS, NICKEL PLATING
CABLE - LMR 195 UF

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-277-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNBY
ARELEASE TO MFG.30-JUN-2115783DSK

SCALE 0.300

LENGTH 'L' (SEE TABLE)

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

HEAT SHRINK TUBE
TYP(2)

25.40±1.27
[1.000±0.050]
TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]
-	95-850-277M025	9.84 [0.250]
95-850-277-012	-	12.00 [0.305]
-	95-850-277M050	19.69 [0.500]
95-850-277-024	-	24.00 [0.610]
95-850-277-036	-	36.00 [0.914]
-	95-850-277M100	39.37 [1.000]
95-850-277-048	-	48.00 [1.219]
95-850-277-060	-	60.00 [1.524]
-	95-850-277M300	118.11 [3.000]
95-850-277-120	-	120.00 [3.048]
-	95-850-277M500	196.85 [5.000]
-	95-850-277M10L	393.70 [10.000]
-	95-850-277M20L	787.40 [20.000]
-	95-850-277M30L	1181.10 [30.000]

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 - 3 GHz
☐ VSWR: ____ 1 MAX.
☐ INS. LOSS: ____ dB MAX.

☒ CONTINUITY
☒ HI-POT: 750 VRMS
☐ OTHER

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THIRD ANGLE PROJ.REFERENCE

EAR#
10681

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
SASI D

DATE
07-MAY-21

TITLE
BNC STR PLUG TO
BNC STR PLUG
USING LMR 195 UF CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.2:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-850-277-XXX
ITEM NO. 95-850-277-XXX
PART NO. 95-850-277-XXX

REV
A

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