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NOTES:

1. MATERIALS AND FINISHES:
TNC STR PLUG - BRASS, NICKLE PLATING
CABLE - RG 58

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-294-XXX AND DATE CODE".

REVDESCRIPTIONDATEECNBY
ARELEASE TO MFG.17-FEB-2216124VR

SCALE 0.400

LENGTH 'L' (SEE TABLE)

ADHESIVE LINED
HEAT SHRINK TUBE
TYP(2)

15.00 MM WRENCH
TYP(2)

25.40 REF
[1.000]
TYP(2)

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

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-850-294-006	-	6.00 [0.152]
-	95-850-294M025	9.84 [0.250]
95-850-294-012	-	12.00 [0.305]
95-850-294-018	-	18.00 [0.457]
-	95-850-294M050	19.69 [0.500]
95-850-294-024	-	24.00 [0.610]
-	95-850-294M075	29.53 [0.750]
95-850-294-036	-	36.00 [0.914]
-	95-850-294M100	39.37 [1.000]
95-850-294-048	-	48.00 [1.219]
-	95-850-294M150	59.06 [1.500]
95-850-294-060	-	60.00 [1.524]
95-850-294-072	-	72.00 [1.829]
-	95-850-294M200	78.74 [2.000]
-	95-850-294M300	118.11 [3.000]
95-850-294-120	-	120.00 [3.048]
95-850-294-144	-	144.00 [3.658]
95-850-294-180	-	180.00 [4.572]
-	95-850-294M500	196.85 [5.000]
95-850-294-300	-	300.00 [7.620]
-	95-850-294M10L	393.70 [10.000]
95-850-294-600	-	600.00 [15.240]
-	95-850-294M20L	787.40 [20.000]
95-850-294-900	-	900.00 [22.860]
-	95-850-294M30L	1181.10 [30.000]
95-850-294L100	-	1200.00 [30.480]

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: 750 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

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THIRD ANGLE PROJ.

REFERENCE

EAR#
11144

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

ENGR.1
VIJAY N M

ENGR.2

DATE
25-JAN-22

TITLE
TNC STR PLUG IP 67 TO
TNC STR PLUG IP 67 USING
RG 58 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.6:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-850-294-XXX

ITEM NO. 95-850-294-XXX

PART NO. 95-850-294-XXX

REV
A

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