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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, 95-850-295-XXX AND DATE CODE".

SCALE 0.400

LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	CONDUIT LENGTH 'X' IN INCHES [METERS]
95-850-295-036	-	36.00 [0.914]	27.00 [0.686]
-	95-850-295M100	39.37 [1.000]	30.372 [0.771]
95-850-295-048	-	48.00 [1.219]	39.00 [0.991]
-	95-850-295M150	59.06 [1.500]	50.058 [1.271]
95-850-295-060	-	60.00 [1.524]	51.00 [1.295]
95-850-295-072	-	72.00 [1.829]	63.00 [1.600]
-	95-850-295M200	78.74 [2.000]	69.744 [1.771]
-	95-850-295M300	118.11 [3.000]	109.116 [2.772]
95-850-295-120	-	120.00 [3.048]	111.00 [2.819]
95-850-295-144	-	144.00 [3.658]	135.00 [3.429]
95-850-295-180	-	180.00 [4.572]	171.00 [4.343]
-	95-850-295M500	196.85 [5.000]	187.86 [4.772]
95-850-295-300	-	300.00 [7.620]	291.00 [7.391]
-	95-850-295M10L	393.70 [10.000]	384.72 [9.772]
95-850-295-600	-	600.00 [15.240]	591.00 [15.011]
-	95-850-295M20L	787.40 [20.000]	778.44 [19.772]
95-850-295-900	-	900.00 [22.860]	891.00 [22.631]
-	95-850-295M30L	1181.10 [30.000]	1172.16 [29.773]
95-850-295L100	-	1200.00 [30.480]	1191.00 [30.251]

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# 11145

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 VIJI K

ENGR.2

DATE 27-JAN-22

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

SHEET NO. 2 OF 2

SCALE: 1.6:1.0

Amphenol RF

SIZE B

DRAWING NO. 95-850-295-XXX

ITEM NO. 95-850-295-XXX

PART NO. 95-850-295-XXX

REV A

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