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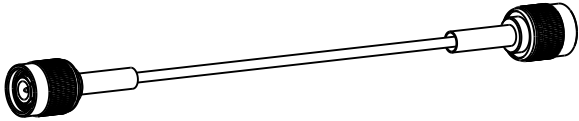
NOTES:

1. MATERIALS AND FINISHES:  
TNC STR PLUG - BRASS, NICKEL PLATING  
CABLE - RG 174

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM

3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-272-XXX AND DATE CODE"

SCALE 0.500



LENGTH 'L' (SEE TABLE)

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

HEAT SHRINK TUBE  
TYP(2)

25.40±1.27  
[1.000±0.050]  
TYP(2)

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 6 GHz

☒ CONTINUITY

☐ VSWR: \_\_\_\_ 1 MAX.

☒ HI-POT: 750 VRMS

☐ INS. LOSS: \_\_\_\_ dB MAX.

☐ OTHER

LENGTH TABLE

| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
|------------------------|----------------------|-------------------------------|
| 95-850-272-006         | -                    | 6.00 [0.152]                  |
| -                      | 95-850-272M025       | 9.84 [0.250]                  |
| 95-850-272-012         | -                    | 12.00 [0.305]                 |
| 95-850-272-018         | -                    | 18.00 [0.457]                 |
| -                      | 95-850-272M050       | 19.69 [0.500]                 |
| 95-850-272-024         | -                    | 24.00 [0.610]                 |
| -                      | 95-850-272M075       | 29.53 [0.750]                 |
| 95-850-272-036         | -                    | 36.00 [0.914]                 |
| -                      | 95-850-272M100       | 39.37 [1.000]                 |
| 95-850-272-048         | -                    | 48.00 [1.219]                 |
| -                      | 95-850-272M200       | 78.74 [2.000]                 |
| -                      | 95-850-272M300       | 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%          |

Amphenol RF

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

THIRD ANGLE PROJ.

REFERENCE

EAR# 10602

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:  
<0.5mm = ±0.05mm [ $\pm 0.020$  =  $\pm 0.002$ ]  
>0.5 - 6mm = ±0.1mm [ $\pm 0.020$  -  $\pm 0.236$  =  $\pm 0.004$ ]  
>6.00 - 30mm = ±0.2mm [ $\pm 0.236$  -  $\pm 1.181$  =  $\pm 0.008$ ]  
>30.00 - 120mm = ±0.3mm [ $\pm 1.181$  -  $\pm 4.725$  =  $\pm 0.012$ ]  
ANGLES = ±1°

SEE TABLE

ENGINEER KARTHIK R

DATE 05-APR-21

TITLE  
TNC STR PLUG TO  
TNC STR PLUG  
USING RG 174 CABLE  
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.2:1.0

SIZE B

DRAWING NO. 95-850-272-XXX

ITEM NO. 95-850-272-XXX

PART NO. 95-850-272-XXX

REV A

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