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NOTES:

1. MATERIALS AND FINISHES:  
TNC STR PLUG - BRASS, NICKEL PLATING  
CABLE - LMR 400

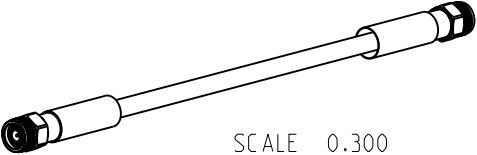
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM

3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-226-XXX AND DATE CODE"

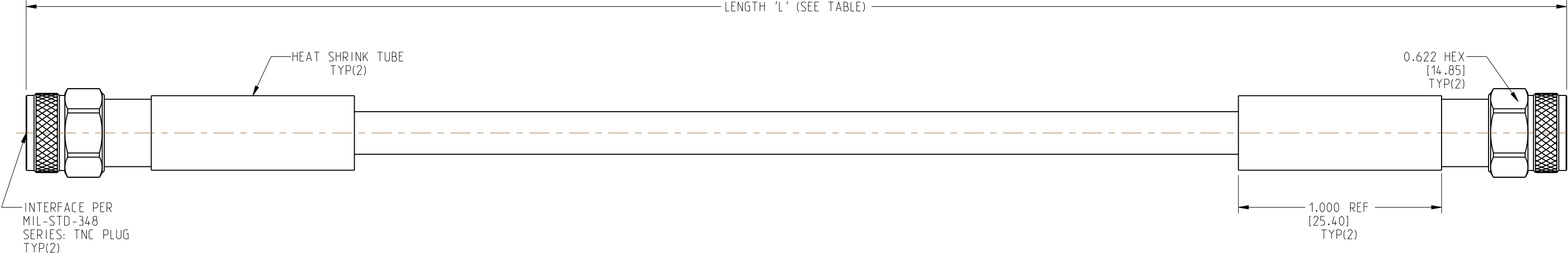
REVISIONS

| REV | DESCRIPTION     | DATE      | ECN   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 24-JUN-20 | 15247 | EH   |

SCALE 0.300



LENGTH 'L' (SEE TABLE)



LENGTH TABLE

| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L'<br>IN INCHES [METERS] |
|---------------------------|-------------------------|----------------------------------|
| 95-850-226-012            | -                       | 12.00 [0.305]                    |
| 95-850-226-024            | -                       | 24.00 [0.610]                    |
| 95-850-226-036            | -                       | 36.00 [0.914]                    |
| -                         | 95-850-226M100          | 39.37 [1.000]                    |
| 95-850-226-048            | -                       | 48.00 [1.219]                    |
| 95-850-226-072            | -                       | 72.00 [1.829]                    |
| -                         | 95-850-226M200          | 78.74 [2.000]                    |
| -                         | 95-850-226M300          | 118.11 [3.000]                   |
| -                         | 95-850-226M400          | 157.48 [4.000]                   |

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 8 GHz

☒ CONTINUITY

☐ VSWR: \_\_\_\_ 1 MAX.

☒ HI-POT: 750 VRMS

☐ INS. LOSS: \_\_\_\_ dB MAX.

☐ OTHER

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%          |

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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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  
KRISHNA S

DATE  
14-MAY-20

TITLE  
TNC STR PLUG TO  
TNC STR PLUG  
USING LMR 400 CABLE  
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.4:1.0

Amphenol RF

SIZE  
B

DRAWING NO. 95-850-226-XXX  
ITEM NO. 95-850-226-XXX  
PART NO. 95-850-226-XXX

REV  
A

THIRD ANGLE PROJ.

REFERENCE

EAR#  
EAR 9189

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