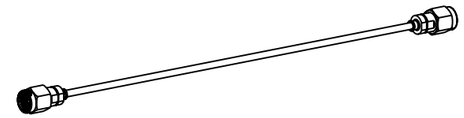
NOTES:

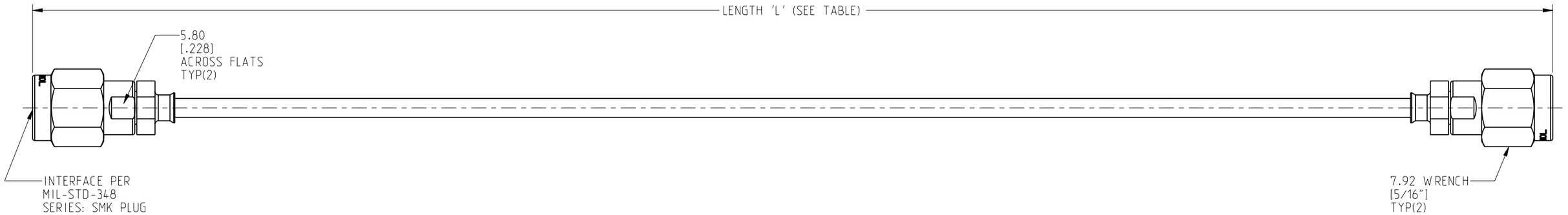
1. MATERIALS AND FINISHES:
   2.92 MM STR PLUG
   COUPLING NUT - STAINLESS STEEL, PASSIVATED
   BODY & SOLDER NUT - STAINLESS STEEL, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - ULTEM 1000, NATURAL
   CABLE - .085" CONFORMABLE

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 40 GHz
   C. VSWR: 1.2 MAX. @ DC - 2 GHz
   1.45 MAX. @ 2 - 26.5 GHz
   1.50 MAX. @ 26.5 - 40 GHz

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
   "AMPHENOL RF, 95-825-120-XXX AND DATE CODE".

| REVISIONS | | | | |
|---|---|---|---|---|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 01-Sep-22 | 16361 | SH |






| LENGTH TABLE | | |
|---|---|---|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
| 95-825-120-006 | - | 6.00 [0.152] |
| 95-825-120-012 | - | 12.00 [0.305] |
| 95-825-120-024 | - | 24.00 [0.610] |
| 95-825-120-036 | - | 36.00 [0.914] |
| - | 95-825-120M100 | 39.37 [1.000] |

| TOLERANCE TABLE | |
|---|---|
| LENGTH IN INCHES/FT [METERS] | TOLERANCE |
| 0" - 23.99" [0 - 0.609] | ±0.25" [0.006] |
| 24.00" - 59.99" [0.610 - 1.523] | ±0.50" [0.013] |
| 5.0' - 24.99' [1.524 - 7.617] | ±2.5% |
| 25.0' & UP [7.620 & UP] | ±5.0% |

**DESIGN REQUIREMENTS:**

- [X] FREQUENCY: DC - 40 GHz
- [ ] VSWR: ____ 1 MAX.
- [ ] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 500 VRMS
- [ ] OTHER

# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



THIRD ANGLE PROJ.

REFERENCE

EAR# 11301

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: THAMBI RAJ | ENGR.2: M.ZHANG | DATE: 26-Aug-22

TITLE: 2.92 MM STR PLUG TO 2.92 MM STR PLUG USING .086" CONFORMABLE CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2 | SCALE: 2.2:1.0

Amphenol RF

SIZE: B | DRAWING NO. 95-825-120-XXX | ITEM NO. 95-825-120-XXX | PART NO. 95-825-120-XXX | REV: A