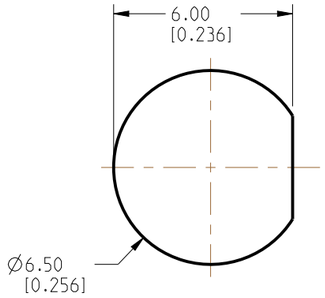
NOTES:

1. MATERIALS AND FINISHES:
 MCX RA PLUG - BeCu, GOLD PLATING
 RP SMA STR BHD JACK - BRASS, GOLD PLATING
 CABLE - RG 316

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM

3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95-900-649-XXX AND DATE CODE"

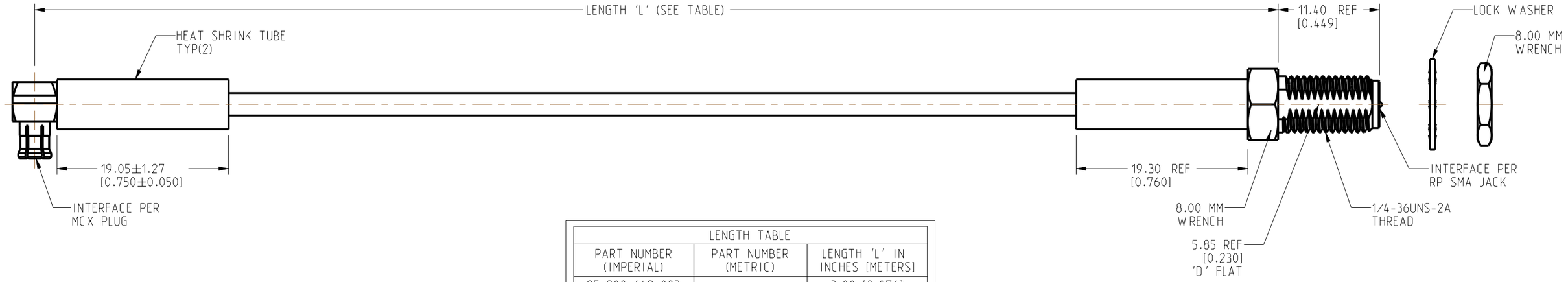
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	22-JUL-26	17983	GSB



RECOMMENDED MOUNTING HOLE DIMENSIONS



SCALE 0.500



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-900-649-003	-	3.00 [0.076]
95-900-649-004	-	4.00 [0.102]
95-900-649-005	-	5.00 [0.127]
95-900-649-006	-	6.00 [0.152]
95-900-649-007	-	7.00 [0.178]
95-900-649-008	-	8.00 [0.203]
95-900-649-009	-	9.00 [0.229]
95-900-649-010	-	10.00 [0.254]
95-900-649-011	-	11.00 [0.279]
95-900-649-012	-	12.00 [0.305]
95-900-649-018	-	18.00 [0.457]
95-900-649-024	-	24.00 [0.610]
95-900-649-036	-	36.00 [0.914]
-	95-900-649M100	39.37 [1.000]
95-900-649-048	-	48.00 [1.219]

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 - 6 GHz
- [] VSWR: ____ 1 MAX.
- [] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 700 VRMS
- [] OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

THIRD ANGLE PROJ.

REFERENCE

EAR# 13262

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: SURESH | ENGR.2: | DATE: 15-OCT-25

TITLE: MCX RA PLUG TO RP SMA STR BHD JACK USING RG 316 CABLE

SHEET NO. 2 OF 2 | SCALE: 2.3:1.0

Amphenol RF

SIZE B | DRAWING NO. 95-900-649-XXX | ITEM NO. 95-900-649-XXX | PART NO. 95-900-649-XXX | REV A