NOTES:

I. MATERIALS AND FINISHES: BODY - BRASS. GOLD PLATING

REAR BODY, SLEEVE & BUSHING - BRASS, NICKEL PLATING INNER & OUTER CONTACT - BeCu, GOLD PLATING INSULATOR - PTFE, NATURAL

RETAINING RING - BeCu, NATURAL WASHER - CARBON STEEL, NICKEL PLATING

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

B. FREQUENCY RANGE: DC - 20 GHz

C. VSWR (RETURN LOSS): 1.10 MAX @ 10 GHz I.20 MAX @ 20 GHz

D. DWV: 1000 VRMS MIN

E. INSERTION LOSS: 0.15 dB MAX @ 6 GHz

A. DURABILITY: 500 CYCLES MIN.

B. TEMPERATURE RANGE: -65°C TO +165°C

4. INSTRUCTIONS:

I. WITH SLIDER IN THE ENGAGED POSITION THE CONNECTOR FUNCTIONS LIKE A STANDARD SMA CONNECTOR. TIGHTEN (SPIN) THE KNURLED NUT BY HAND TO OBTAIN FULL MATING ENGAGEMENT OR DISENGAGEMENT.

2. QUICK CONNECT FUNCTION:

A. WITH SLIDER IN THE DISENGAGED POSITION, SLIDE THE CABLED CONNECTOR ON TO THE JACK RECEPTACLE, OVER THE JACK THREADS BY PUSHING ON THE BACK OF THE KNURLED NUT.

B. ENGAGE THE SLIDER WHILE MAINTAINING LIGHT FORWARD PRESSURE ON THE NUT. THIS ACTION IS DONE BY SLIPPING YOUR FINGERS FROM THE NUT TO THE SLIDER IN ONE MOTION.

C. ONCE THE SLIDER IS ENGAGED THE KNURLED NUT CAN BE TURNED I TURN

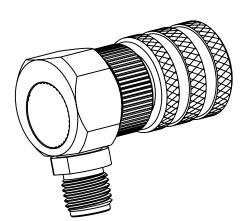
OR LESS TO OBTAIN FULL MATING ENGAGEMENT PERFORMANCE.

D. DISENGAGE THE CONNECTOR BY FIRST LOOSENING THE COUPLING NUT A PARTIAL TURN. THEN DISENGAGE THE SLIDER AND REMOVE THE CONECTOR.

5. PACKAGING:

A. QUANTITY: SINGLE PACK B. MARKING: BAG TO BE MARKED

"AMPHENOL RF, 901-10656, DATE CODE"



DATE

16-Jul-19

ECN

12242

APPR

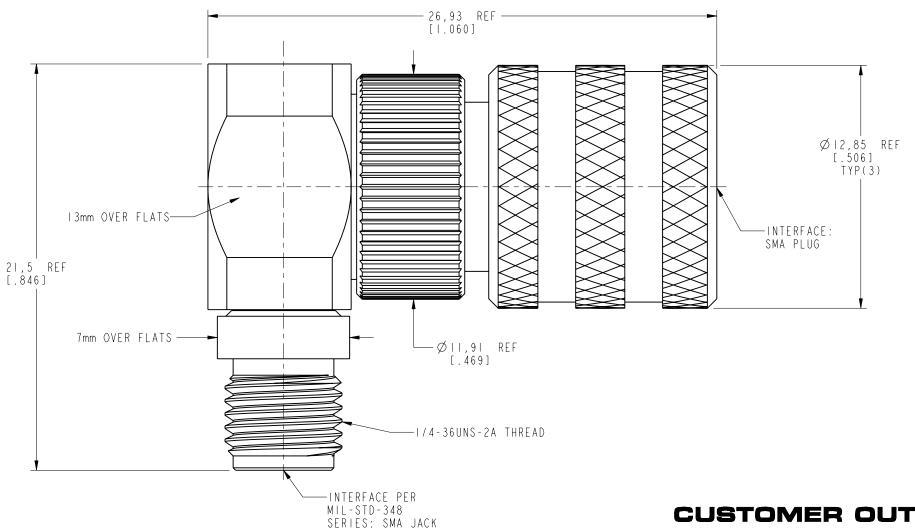
CJV

REVISIONS

DESCRIPTION

RELEASE TO MANUFACTURING

SCALE 2.000



THIRD ANGLE PROJ. 🕀 🖯

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

 \pm 0.05mm $\pm\,$ 0 . $I\,$ mm ± 0.2 mm NOTICE - These drawings, specifications, or other data (I) are, and remain the 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

6 - 30mm 30 - 120mm

<0.5mm 0.5 - 6mm

ANGLES

DRAWN MATERIAL DATE S.DUAN 17-Jul-19 SEE NOTES ENGINEER DATE C. VIGORITO 21-Mar-19 REFERENCE APPROVED DATE EAR# 8217 S.HSIEH 02-Aug-19 CONFIGURATION LEVEL: In Work CAD FILE FINISH

TITLE SMA R/A JACK TO PLUG ADAPTER, QUICK CONNECT

SCALE: 5.0:1.0 | SHEET 2 OF 2 DWG SIZE REV Amphenol RF

www.amphenolrf.com

DRAWING NO. 901-10656 901-10656 ITEM NO 901-10656 PART NO.