

NOTES:

1. MATERIALS AND FINISHES:

BODY, REAR BODY & COUPLING NUT - STAINLESS STEEL, GOLD PLATING.
 CONTACT - BeCu, GOLD PLATING
 RETAINING RING - SUS 304, NATURAL
 GASKET - SILICONE RUBBER, RED
 INSULATOR - ULETR 1000, NATURAL
 INSULATOR DISC - PTFE, NATURAL

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 40 GHZ
- C. VSWR: 1.30 MAX.
- D. DIELECTRIC WITHSTANDING VOLTAGE: 600 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:

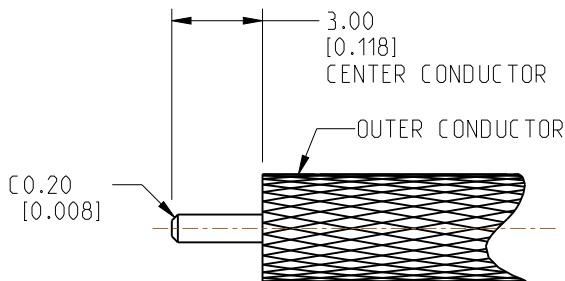
- A. QUANTITY: SINGLE PACK
- B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 292-111P-52S AND DATE CODE"
- C. INSULATOR DISC IS PACKAGED LOOSE.

5. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE INSULATOR DISC ONTO CABLE.
- C. INSERT CABLE CENTER CONDUCTOR INTO CONNECTOR AND SOLDER BODY TO THE OUTER CONDUCTOR.

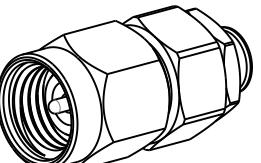
6 SHOWS CABLE ENTRY DIMENSIONS

INTERFACE PER
MIL-STD-348
SERIES: SMK PLUG

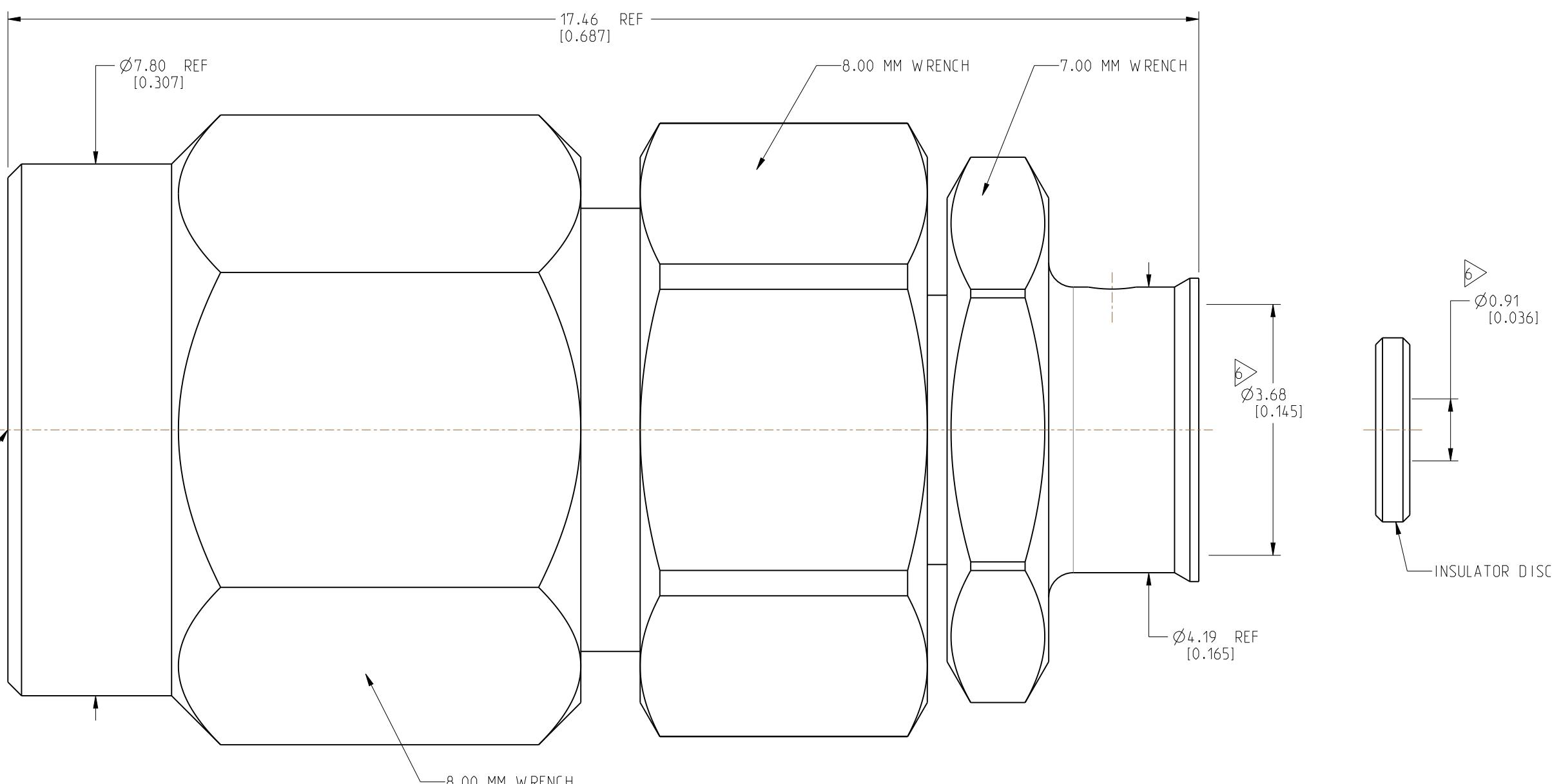


**RECOMMENDED CABLE
STRIPPING DIMENSIONS**

REVISIONS			
REV	DESCRIPTION	DATE	ECN
A	RELEASE TO MFG.	22-DEC-25	17697 LEO



SCALE 2.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.



REFERENCE

EAR# 13000

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

**2.92 MM STR PLUG FOR
0.141" CONFORMABLE
CABLE**

ENGR.1
SURESH

ENGR.2
JACK LIANG

DATE
03-APR-25

SHEET NO. 2 OF 2

SCALE: 14.0:1.0

Amphenol RF

SIZE	DRAWING NO.	ITEM NO.	REV
			A
B	292-111P-52S	292-111P-52S	
			PART NO. 292-111P-52S