

NOTES:

1. MATERIALS AND FINISHES:  
 FERRULE - COPPER, NICKEL PLATING  
 BODY - BRASS, NICKEL PLATING  
 CONTACT - BRASS, GOLD PLATING  
 RETAINER RING - SUS 304, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 INSULATOR - PTFE, NATURAL  
 INSULATOR DISC - ULTEM 1000, NATURAL

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHMS  
 B. FREQUENCY RANGE: DC - 12.4 GHz  
 C. VSWR (RETURN LOSS): 1.10 (-26dB) MAX. DC - 6 GHz  
 1.13 (-24dB) MAX. 6 - 12 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

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

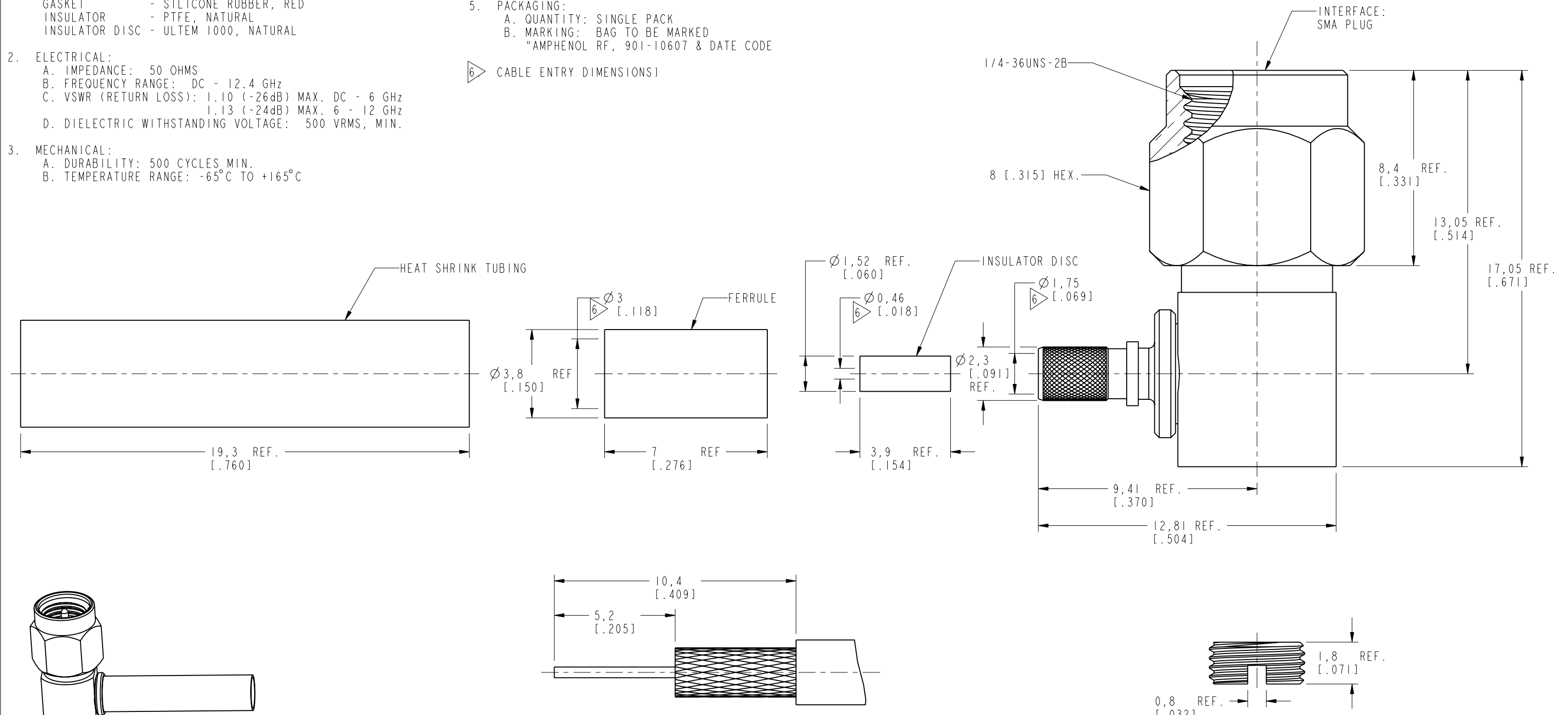
4. INSTRUCTIONS  
 A. CONTACT PIN TO SOLDER  
 B. HAND TIGHTEN CAP AFTER SOLDERING  
 C. CRIMPED FERRULE HEX CRIMP SIZE .128"

5. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 901-10607 & DATE CODE

6 CABLE ENTRY DIMENSIONS

THIRD ANGLE PROJ.

		REVISIONS		
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	21-Feb-19	10584	CJV



RECOMMENDED CABLE STRIPPING DIM'S

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

SCALE 2.000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE SMA R/A CRIMP PLUG (FOR LMR-100 CABLE)	Amphenol RF www.amphenolrf.com
	SEE NOTES	M. ZHANG	21-Feb-19		
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.	REFERENCE	ENGINEER	DATE	SCALE: 6.0:1.0   SHEET 2 OF 2	DRAWING NO. 901-10607
	EAR# 7994 REF: 901-10562	S. DUAN	09-Dec-17		
CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE	REV
FINISH	S. HSIEH	25-Feb-19		B	A
	CAD FILE				PART NO. 901-10607