

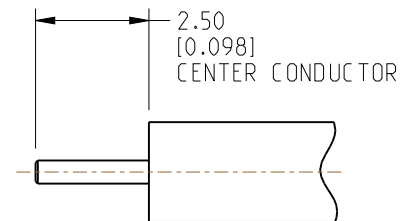
NOTES:

1. MATERIALS AND FINISHES:  
 BODY - STAINLESS STEEL, GOLD PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR & INSULATOR DISC - PTFE, NATURAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY: DC - 18 GHz  
 C. VSWR: 1.20 MAX.  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

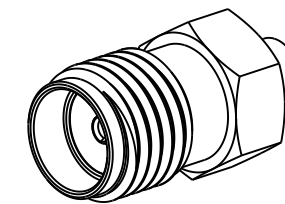
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 901-40134 DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN  
 B. SLIDE INSULATOR DISC OVER THE CABLE CENTER CONDUCTOR UNTIL BOTTOMING AGAINST CABLE OUTER CONDUCTOR.  
 C. ASSEMBLE CENTER CONTACT ONTO THE CABLE CENTER CONDUCTOR UNTIL FLUSH WITH THE INSULATOR DISC.  
 D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.  
 E. INSERT CABLE INTO CONNECTOR AND SOLDER OUTER CONDUCTOR OF CABLE TO BODY.

6 SHOWS CABLE ENTRY DIMENSIONS.

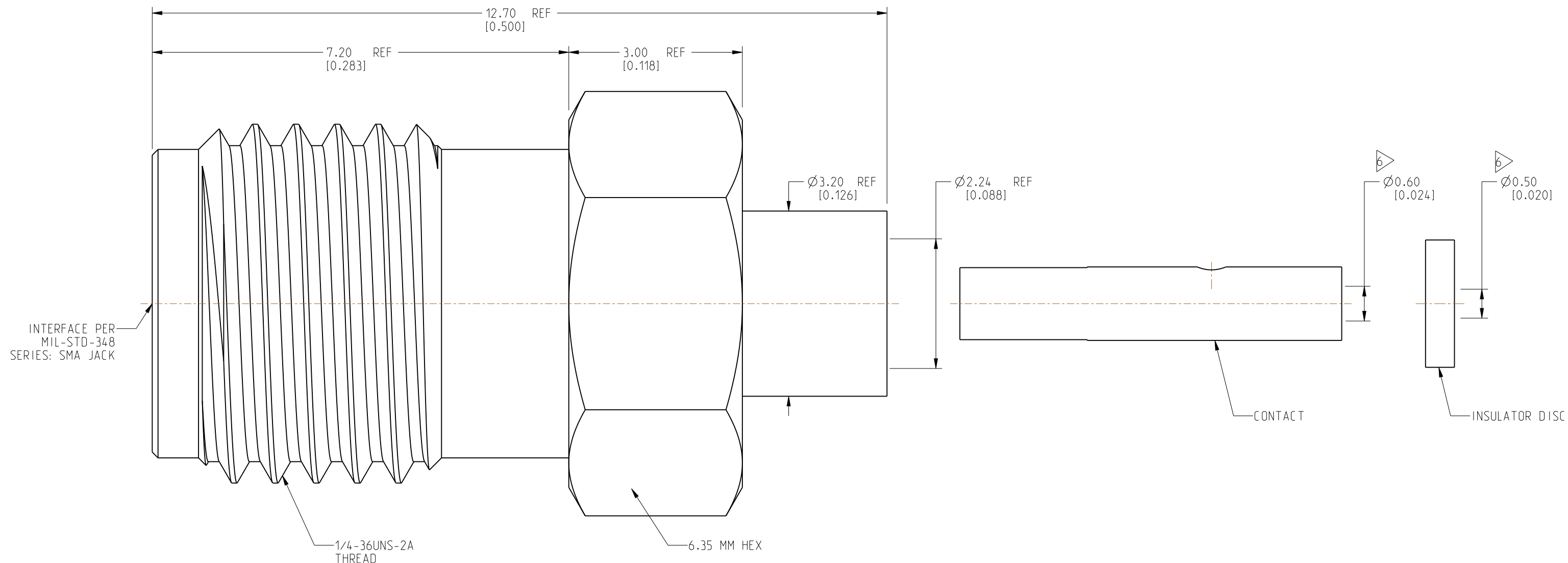
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	20-JAN-26	17734	GSB



RECOMMENDED CABLE STRIPPING DIMENSION



SCALE 3.000



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

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THIRD ANGLE PROJ.		REFERENCE SMA6181A4-3GT50G-0.085-50		ENGR.1 SURESH		ENGR.2 DATE 23-APR-25		SHEET NO. 2 OF 2 SCALE: 15.0:1.0	
EAR# 13007		DRAWING NO. 901-40134		ITEM NO. 901-40134		PART NO. 901-40134		REV A	