

NOTES:

1. MATERIALS AND FINISHES:
BODY & CONTACT - BeCu, GOLD PLATING
INSULATORS - PTFE, NATURAL

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 40 GHz
C. VSWR (RETURN LOSS) : 1.07 MAX. (-30 dB MIN) @ DC - 4 GHz
1.22 MAX. (-20 dB MIN) @ 4 - 18 GHz
1.43 MAX. (-15 dB MIN) @ 18 - 26.5 GHz
1.50 MAX. (-14 dB MIN) @ 26.5 - 40 GHz
D.DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

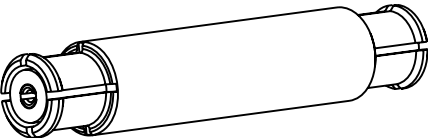
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65°C TO +165°C

4. ROHS COMPLIANT.

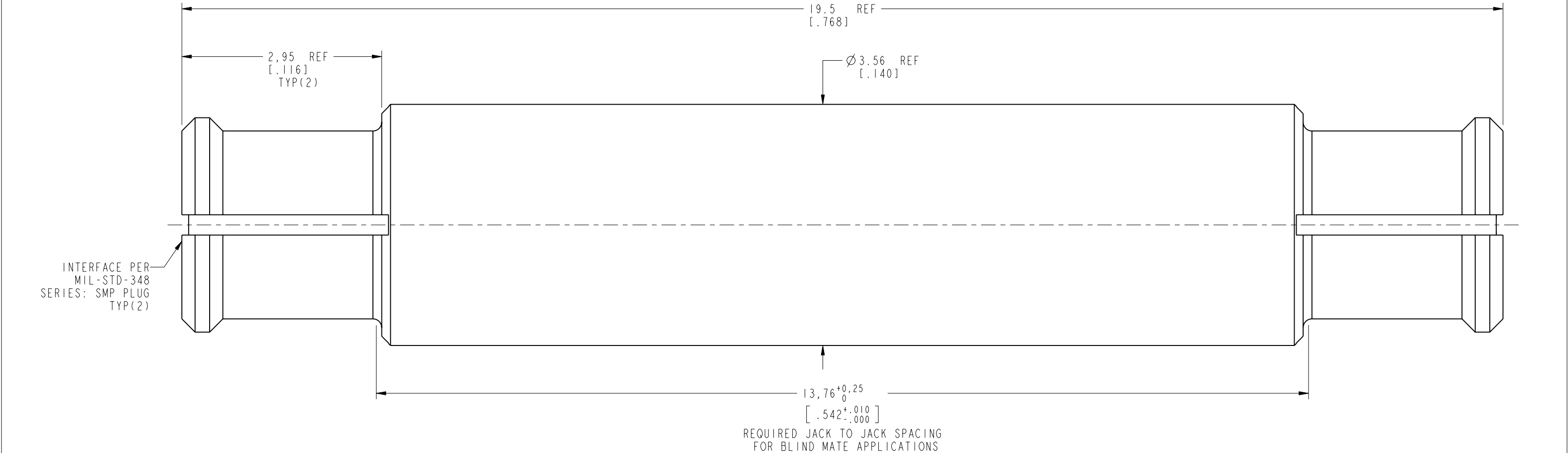
5. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FS2A-1950 DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	06-Nov-19	13541	EH



SCALE 3.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° 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.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	WIKI	12-Nov-19				
	REFERENCE	ENGINEER	DATE	SMP STR BULLET ASSEMBLY, 19.50 MM		DRAWING NO. SMP-FS2A-1950	
	EAR# 8528	STAR	14-Nov-19			ITEM NO. SMP-FS2A-1950	
	REF:	APPROVED	DATE	SCALE: 18.0:1.0		PART NO. SMP-FS2A-1950	
	CONFIGURATION LEVEL: In Work	S.HSIEH	14-Nov-19	SHEET 2 OF 2			
	FINISH	CAD FILE		DWG SIZE B		REV A	