

NOTES:

1. MATERIALS AND FINISHES:

BODY & CONTACT - BeCu, GOLD PLATING  
INSULATORS - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 26.5 GHz  
C. VSWR (RETURN LOSS): 1.20 MAX. (-20.80 dB MIN.) @ DC - 10 GHz  
1.40 MAX. (-15.60 dB MIN.) @ 10 - 18 GHz  
1.50 MAX. (-14.00 dB MIN.) @ 18 - 26.5 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  
C. MATING FORCES (PER DSCC #94007):  
ENGAGEMENT: DISENGAGEMENT:  
FULL DETENT: 15 LBS (67 N) MAX. FULL DETENT: 2 LBS (9 N) MIN.  
LIMITED DETENT: 10 LBS (45 N) MAX. LIMITED DETENT: 2 LBS (9 N) MIN.  
SMOOTH BORE: 2 LBS (9 N) MAX. SMOOTH BORE: 0.5 LBS (2.2 N) MIN.

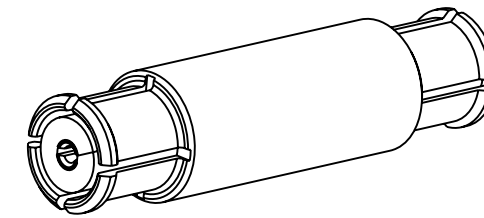
4. PACKAGING:

A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, SMP-FS2A-145 DATE CODE".

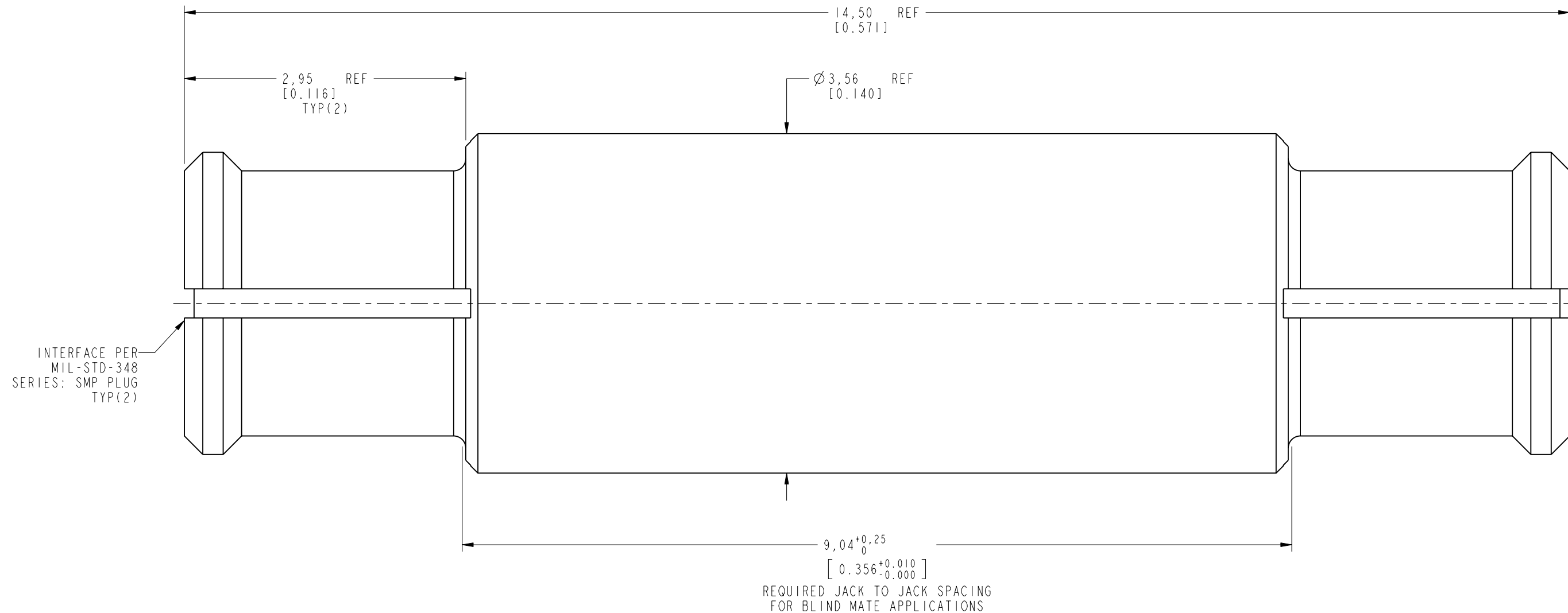
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	09-Nov-18	09601	EH



SCALE 5.000



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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 SMP STR BULLET ASSEMBLY, 14.50 MM	Amphenol RF www.amphenolrf.com
	SEE NOTES	S. DUAN	12-Nov-18		
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: 22.0:1.0   SHEET 2 OF 2	DRAWING NO. SMP-FS2A-145
	EAR# 8529	MADHAN G	29-Oct-18		ITEM NO. SMP-FS2A-145
	REF: SMP-FSBA-145	APPROVED	S. HSIEH	DATE	DWG SIZE
CONFIGURATION LEVEL: In Work	FINISH	CAD FILE	15-Nov-18	B	A