

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: 5 LBS (22 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.

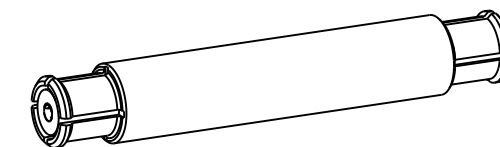
4. PACKAGING:

A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, SMP-FS2A-224 AND DATE CODE".  
ROHS DIRECTIVE 2011/65/EU COMPLIANT

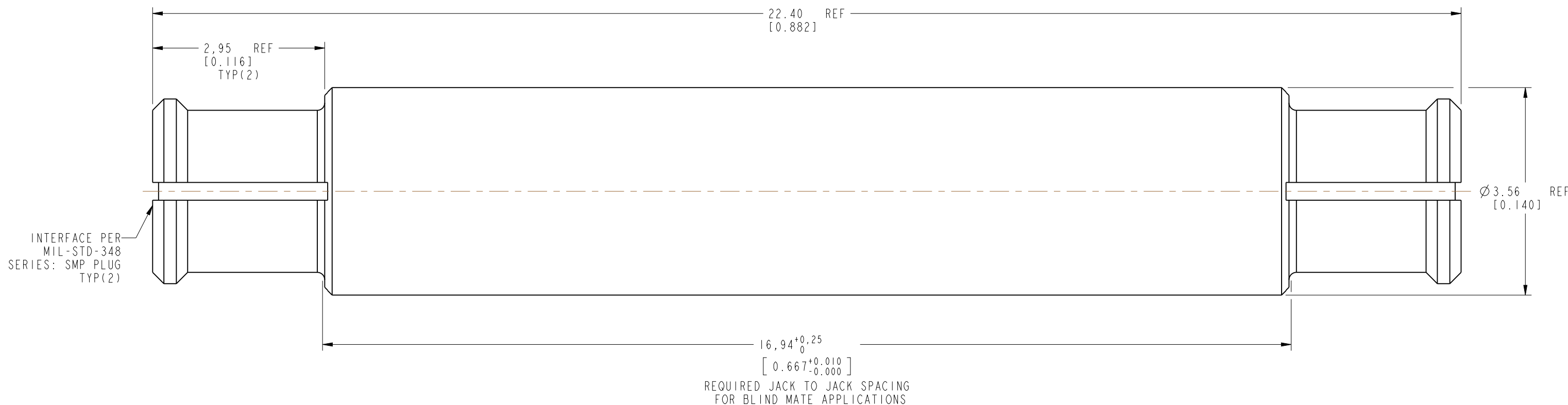
THIRD ANGLE PROJ.

REVISIONS

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



SCALE 3.000



INTERFACE PER MIL-STD-348 SERIES: SMP PLUG TYP(2)

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: &lt;0.5mm ± 0.05mm    0.5 - 6mm ± 0.1mm    6 - 30mm ± 0.2mm    30 - 120mm ± 0.3mm    ANGLES ± 1°</p>	MATERIAL	DRAWN	DATE	TITLE		<p>Amphenol RF www.amphenolrf.com</p>		
	SEE NOTES	LOKESH P	25-Oct-18					SMP STR BULLET ASSEMBLY, 22.40 MM
<p>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.</p>	REFERENCE	ENGINEER	DATE	SCALE: 15.0:1.0 SHEET 2 OF 2		DRAWING NO. SMP-FS2A-224		
	EAR# 8529	LOKESH P	25-Oct-18			DWG SIZE B		ITEM NO. SMP-FS2A-224
	REF: SMP-FSBA-224	APPROVED	K. CAPOZZI	DATE	REV A		PART NO. SMP-FS2A-224	
	CONFIGURATION LEVEL: In Work	FINISH		09-Nov-18				