NOTES:

1. MATERIALS AND FINISHES:
   BODY & CONTACT - BeCu, GOLD PLATING
   INSULATOR - 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.

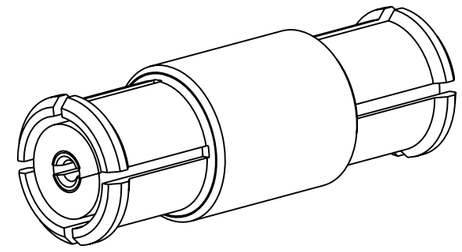
3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
      500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
      1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. MATING FORCES (PER DSCC #94007):

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.

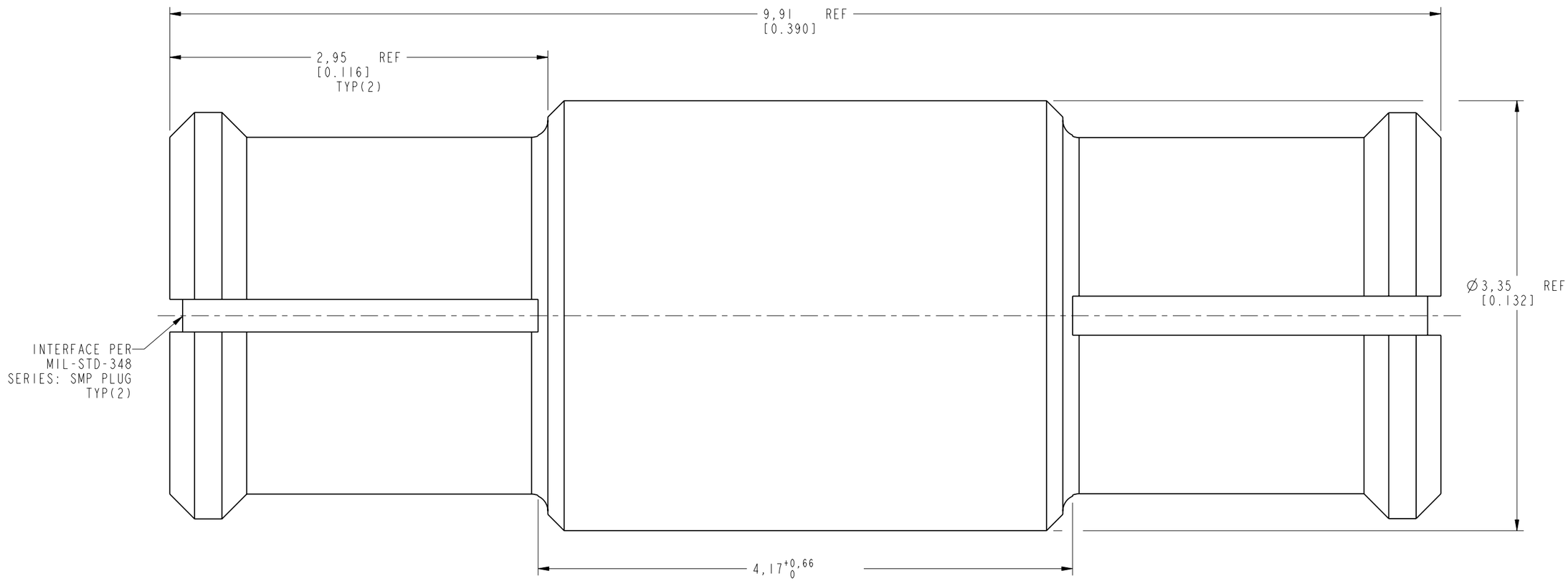
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, SMP-FS2A-990-NM AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	21-Feb-19	10982	SV



SCALE 8.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL	SEE NOTES
REFERENCE	
EAR# 8889	
REF:	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	S.DUAN	DATE 25-Mar-19
ENGINEER	S.VO	DATE 21-Feb-19
APPROVED	S.HSIEH	DATE 27-Mar-19
CAD FILE		

TITLE
SMP STR BULLET ASSEMBLY, 9.91 MM NON-MAGNETIC

SCALE: 30.0:1.0 | SHEET 2 OF 2

DWG SIZE	REV
B	A

Amphenol RF
www.amphenolrf.com

DRAWING NO.	SMP-FS2A-990-NM
ITEM NO.	SMP-FS2A-990-NM
PART NO.	SMP-FS2A-990-NM

Unikeyic Electronics

Global Electronic Components Distributor

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Amphenol:

DAPO15S365TLF LD25S33E4GV00LF D15P13A6RV12LF RJSBE5080C2 70234-112LF
86093488314745V1LF 86093968813H45V1LF RJE061661210 65781-158 67996-204HLF 54202-G0805CLF
70430-164LF 68000-236HLF 69192-408HLF 70218-1116LF 68001-108HLF 68001-200HLF 76384-316LF
95157-140LF LD15P33E4GV00LF 86093967896755LF 86093968191755E3LF 86130202123355E1LF
91614-403ALF DCMF37P DEM09P032N 54202-S08-07LF 68002116HLF 863013A CD15S13E4RV09LF