NOTES:

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

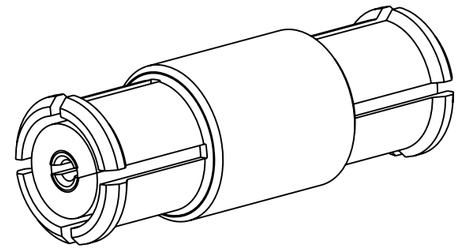
3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
   500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
   1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. MATING FORCES (PER DSCC #94007):

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.

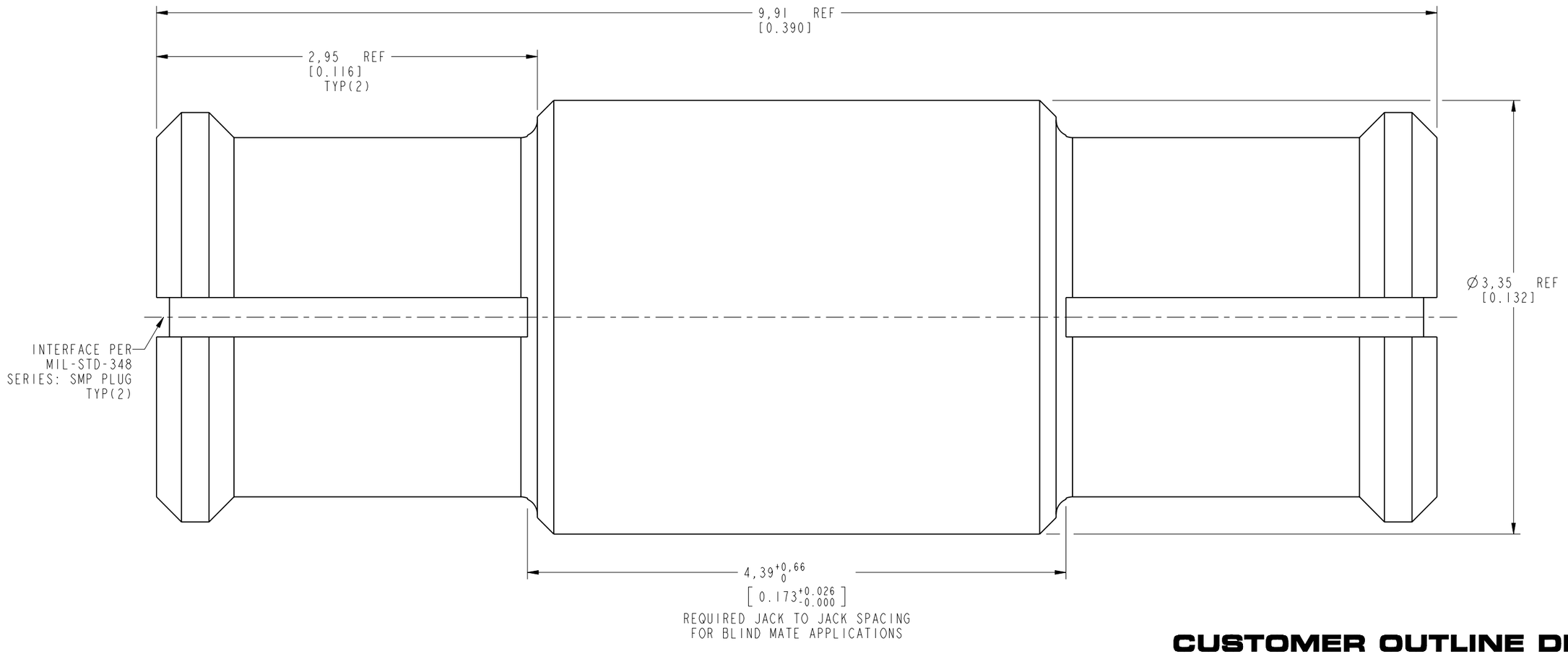
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
   "AMPHENOL RF, SMP-FS2A-990 AND DATE CODE".

THIRD ANGLE PROJ.

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



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# 8529	
REF: SMP-FSBA-990	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	W.ZENG	DATE 12-Nov-18
ENGINEER	S.DUAN	DATE 15-Nov-18
APPROVED	S.HSIEH	DATE 15-Nov-18
CAD FILE		

TITLE
SMP STR BULLET
ASSEMBLY, 9.91 MM

SCALE: 30.0:1.0 | SHEET 2 OF 2

DWG SIZE	REV
B	A

Amphenol RF
www.amphenolrf.com

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

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