NOTES:

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	09-Oct-19	13182	EH

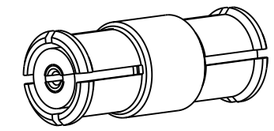
1. MATERIALS AND FINISHES:
   BODY & CONTACT - BeCu, GOLD PLATING
   INSULATORS - PTFE, NATURAL

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.

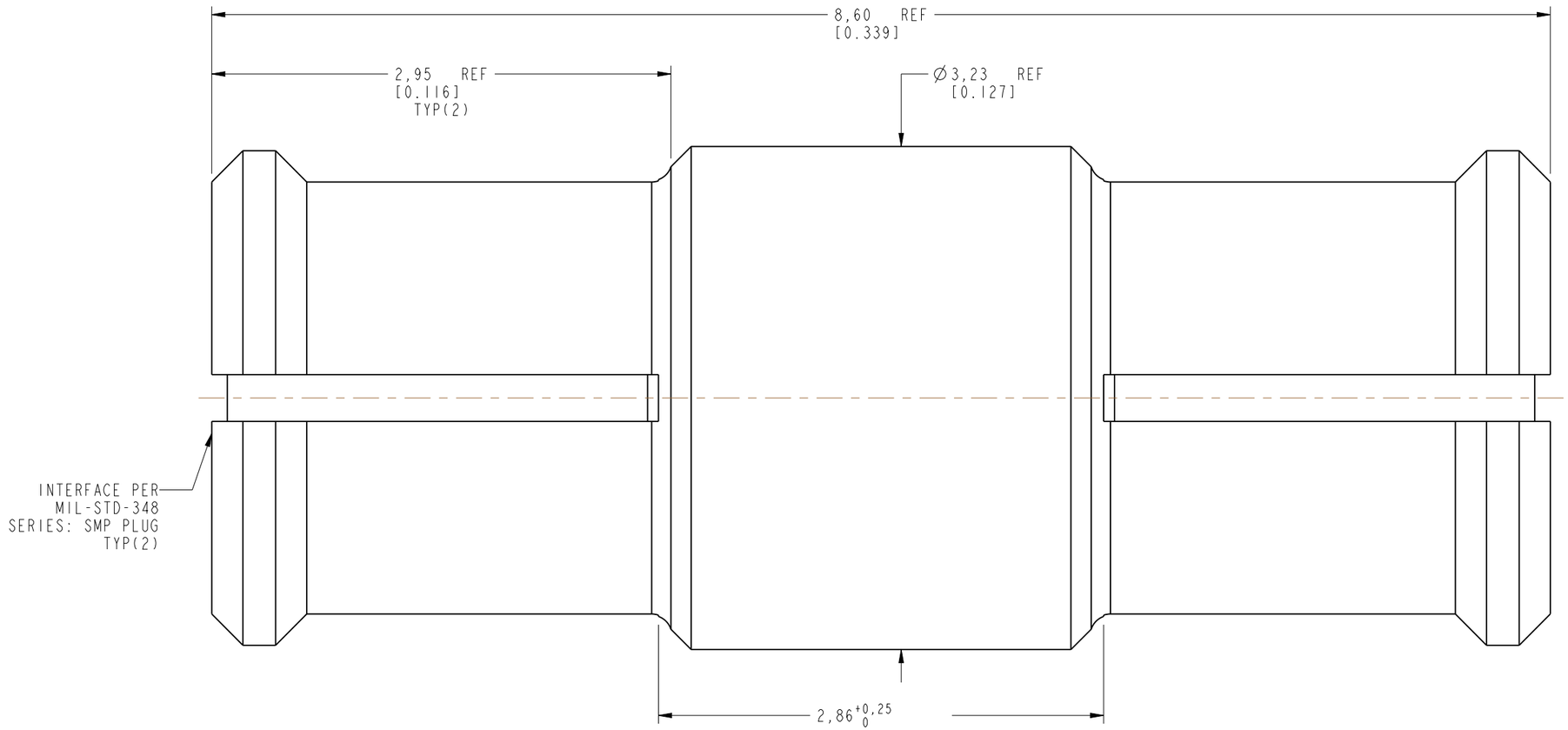
3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
   500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
   1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. MATING FORCES (PER DSCC #94007):

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-860 AND DATE CODE
   ROHS DIRECTIVE 2011/65/EU COMPLIANT"



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

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MATERIAL	SEE NOTES
REFERENCE	
EAR# 8528	
REF: SMP-FSBA-897	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	KRISHNA S	DATE 21-Nov-18
ENGINEER	KRISHNA S	DATE 21-Nov-18
APPROVED	K. CAPOZZI	DATE 09-Oct-19
CAD FILE		

TITLE
SMP STR BULLET
ASSEMBLY, 8.60 MM

SCALE: 30.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. SMP-FS2A-860
ITEM NO. SMP-FS2A-860
PART NO. SMP-FS2A-860