

NOTES:

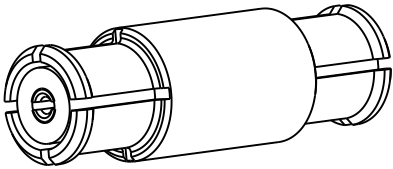
1. MATERIALS AND FINISHES:
BODY & CONTACT - BeCu, GOLD PLATING
INSULATORS - PTFE, NATURAL

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.

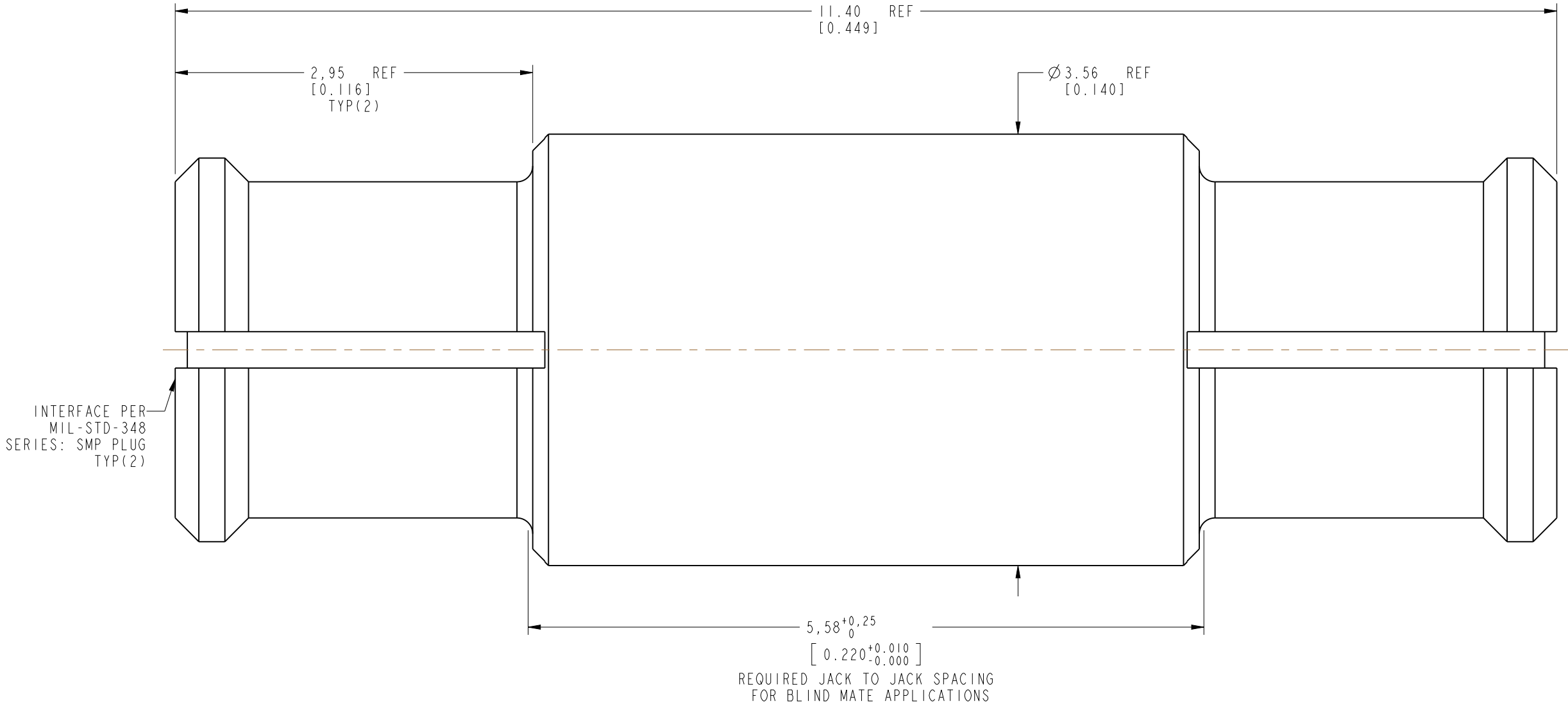
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65°C TO +165°C
C. MATING FORCES (PER DSCC #94007):
ENGAGEMENT: DISENGAGEMENT:
FULL DETENT: 15 LBS (67 N) MAX. FULL DETENT: 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-114 AND DATE CODE".
ROHS DIRECTIVE 2011/65/EU COMPLIANT

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	09-Oct-19	13182	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 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL	DRAWN	DATE	TITLE SMP STR BULLET ASSEMBLY, 11.40 MM		Amphenol RF www.amphenolrf.com	
	SEE NOTES	KRISHNA S	20-Nov-18				
	REFERENCE	ENGINEER	DATE			DRAWING NO. SMP-FS2A-114	
	EAR# 8528	KARTHIK R	20-Nov-18	ITEM NO. SMP-FS2A-114			
	REF: SMP-FSBA-120	APPROVED	DATE	SCALE: 25.0:1.0 SHEET 2 OF 2		PART NO. SMP-FS2A-114	
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	FINISH	CAD FILE		B	A		

Mouser Electronics

Authorized Distributor

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