

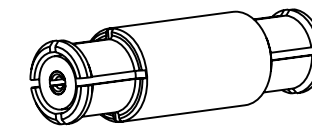
NOTES:

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.

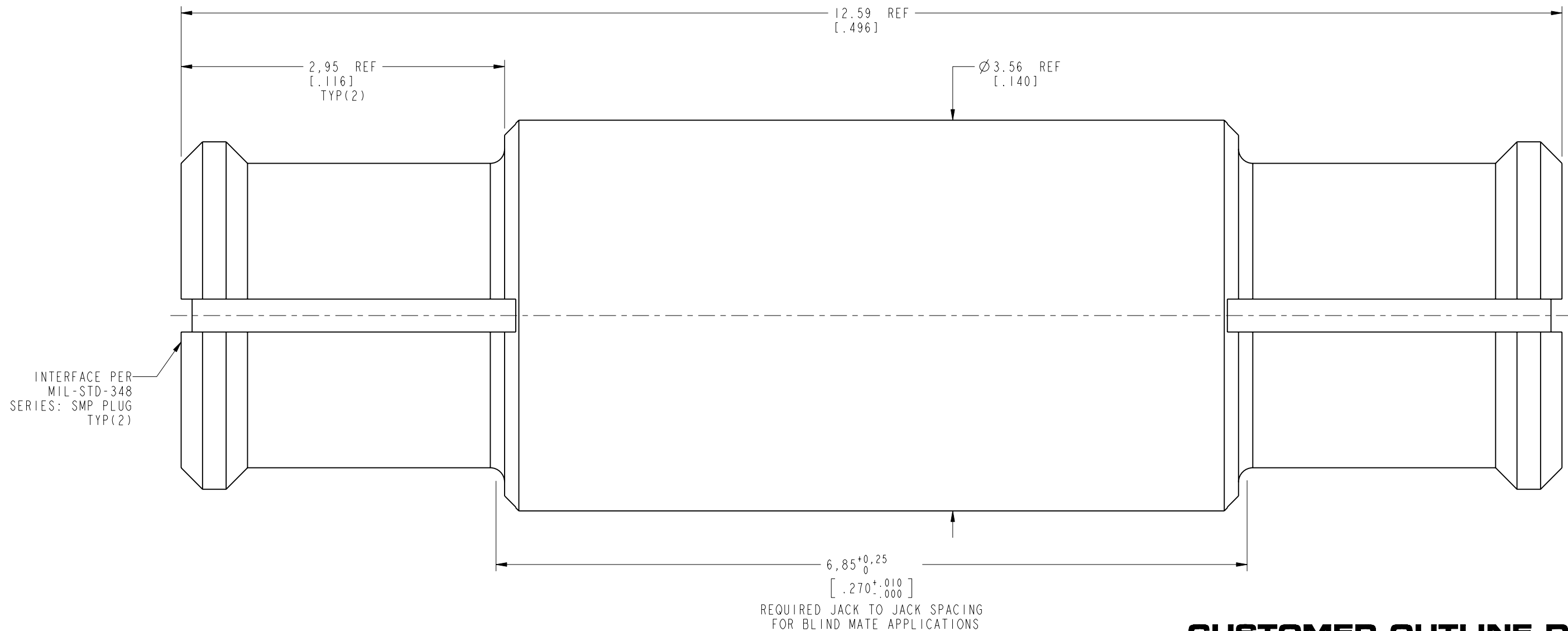
3. MECHANICAL:  
 A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK  
 500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK  
 1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK  
 B. TEMPERATURE RANGE: -65°C TO +165°C
4. ROHS COMPLIANT.
5. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, SMP-FS2A-1259 AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	06-Nov-19	13541	EH



SCALE 3.500



**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	WIKI	8-Nov-19				
	REFERENCE	ENGINEER	DATE	SCALE: 26.0:1.0 SHEET 2 OF 2		DRAWING NO.	SMP-FS2A-1259
	EAR# 8528	STAR	14-Nov-19			DWG SIZE	REV
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	CONFIGURATION LEVEL: In Work	S.HSIEH	14-Nov-19				
	FINISH	CAD FILE					