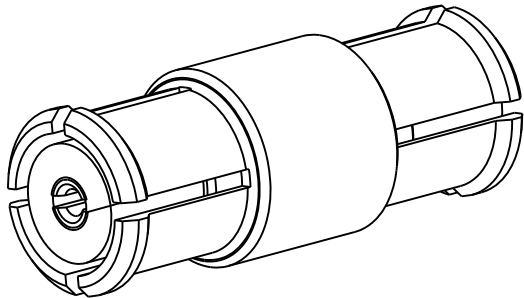
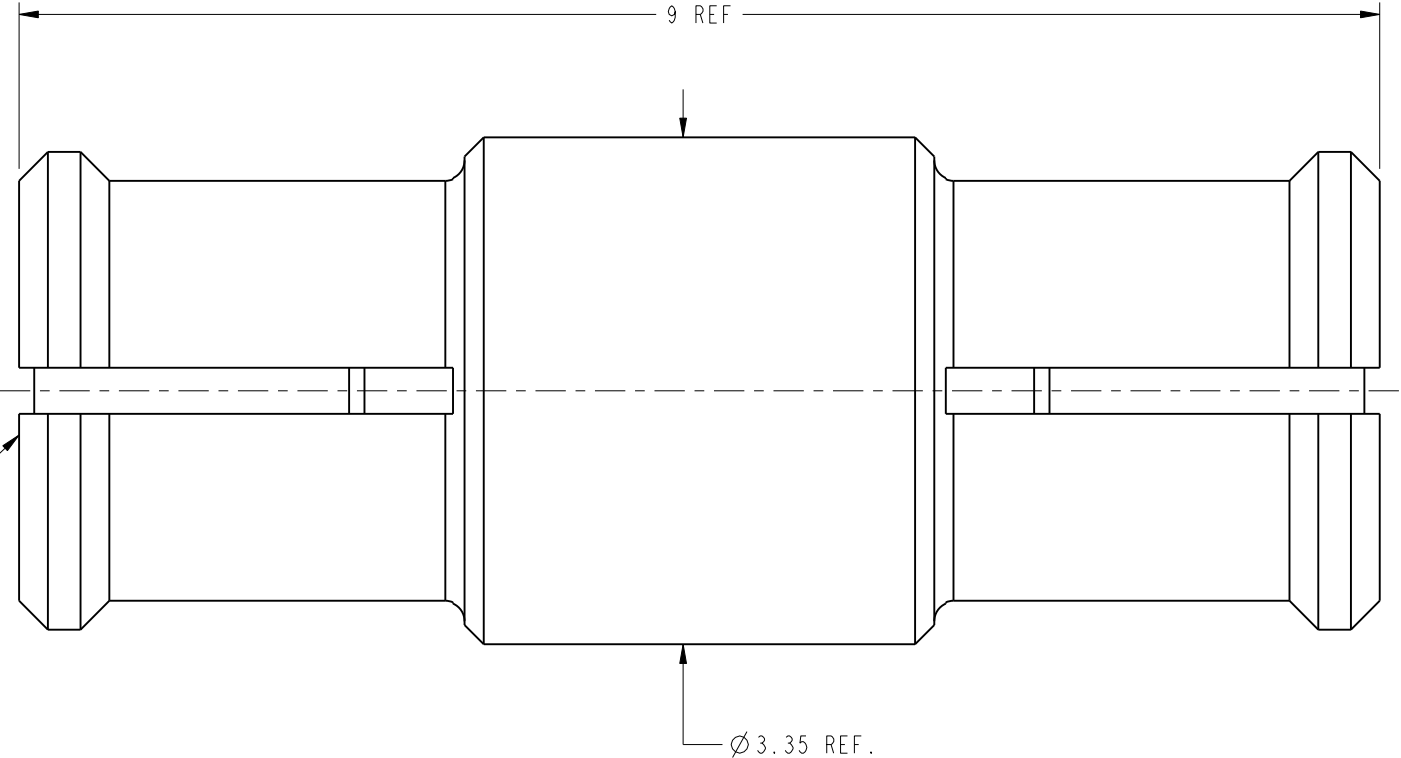


- NOTES:
1. MATERIALS AND FINISHES:
BODY - BeCu, GOLD PLATING (.000004 THICK) OVER
HIGH PHOS ELECTROLESS NICKEL (.000100 THICK)
CONTACT - BeCu, GOLD PLATING (.000004 THICK) OVER
HIGH PHOS ELECTROLESS NICKEL (.000100 THICK)
INSULATOR - PTFE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR(RETURN LOSS): 1.07 (30 dB), MAX. DC-4 GHz
1.29 (18 dB), MAX. DC-12 GHz
1.50 (14 dB), MAX. DC-18 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN. FULL DETENT
500 CYCLES MIN. LIMITED DETENT
1000 CYCLES MIN. SMOOTH BORE
B. TEMPERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FSBA-090, AND DATE CODE"



SCALE 8.000

INTERFACE PER
MIL-STD-348
SERIES: SMP PLUG
BOTH SIDES



THIRD ANGLE PROJ.		REVISIONS			
REV	DESCRIPTION	DATE	ECO	APPR	
A	RELEASE TO MFG.	11-Mar-13	49485	TD	

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		Amphenol RF www.amphenolrf.com
	SEE NOTES	T.DENG	11-Mar-13			
		ENGINEER	DATE			
		KARTHIK R	04-Jun-12			
		APPROVED	DATE			
REFERENCE	S.HSIEH	11-Mar-13	SCALE: 20.0:1.0		SHEET 2 OF 2	DRAWING NO. SMP-FSBA-090
EAR # 5340						ITEM NO. SMP-FSBA-090
CONFIGURATION LEVEL: ☐ ☐ ☐ ☐	CAD FILE		DWG SIZE		REV	PART NO. SMP-FSBA-090
FINISH			B		A	