

NOTES:

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

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 65 GHz
C. VSWR (RETURN LOSS) AT AXIAL FLOAT POSITIONS:
DC-18GHz: 1.20(-21dB) +0", TYPICAL
1.25(-19dB) +.005"[0.13]
1.34(-17dB) +.010"[0.25]
18-50GHz: 1.33(-17dB) +0", TYPICAL
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

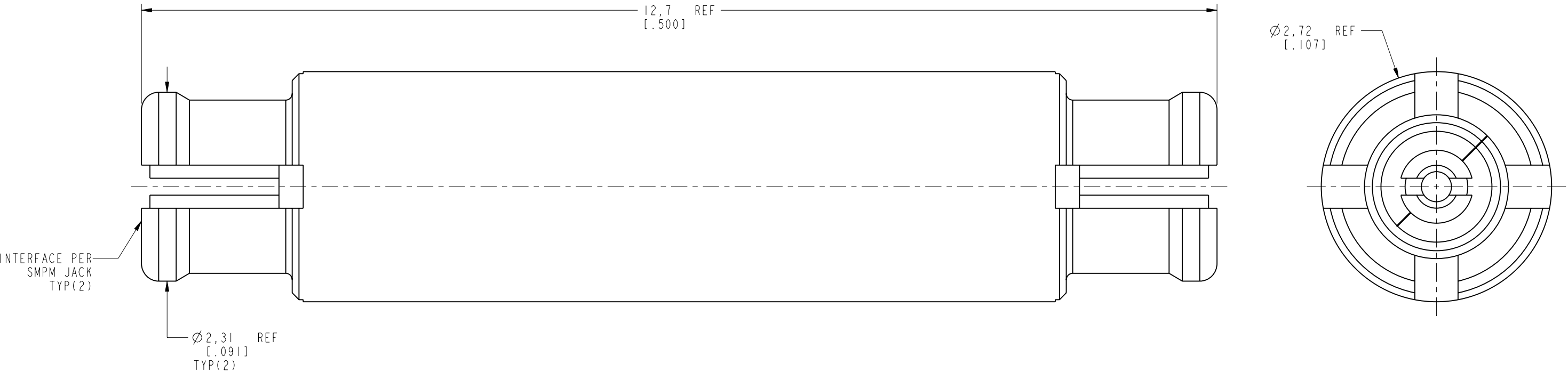
3. MECHANICAL:
A. DURABILITY: 100 MATING CYCLES MIN. WHEN MATED WITH FULL DETENT JACK
1000 MATING CYCLES MIN. WHEN MATED WITH SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65°C TO 165°C

4. PACKAGING:
A. QUANTITY: 50 PIECES TRAYS
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 925-NMI66A-51S, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	08-Jul-19	12302	SV

SCALE 7.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<div>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°</div> <div>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</div>	MATERIAL SEE NOTES	DRAWN W.ZENG	DATE 22-Jul-19	TITLE SMPM STR BULLET FEMALE TO FEMALE ASSEMBLY 0.500" LONG NON-MAGNETIC SCALE: 21.0:1.0	SHEET 2 OF 2		Amphenol RF	
	REFERENCE	ENGINEER S.DUAN	DATE 22-Jul-19				www.amphenolrf.com	
	EAR# 9158	APPROVED S.DUAN	DATE 22-Jul-19				DRAWING NO. 925-NMI66A-51S	
	REF:	CONFIGURATION LEVEL: In Work		DWG SIZE B		REV A	ITEM NO.	925-NMI66A-51S
	FINISH						PART NO.	925-NMI66A-51S

Mouser Electronics

Authorized Distributor

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