NOTES:

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

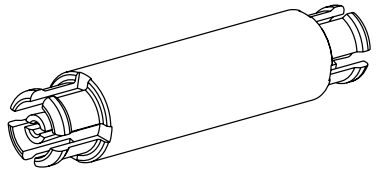
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 65 GHz
   C. VSWR (RETURN LOSS) AT AXIAL FLOAT POSITIONS:
      DC-18GHz: 1.20(-21dB) +0", TYPICAL
                1.25(-19dB) +.005"[0.13]
                1.34(-17dB) +.010"[0.25]
      18-50GHz: 1.33(-17dB) +0", TYPICAL
   D. DIELECTRIC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

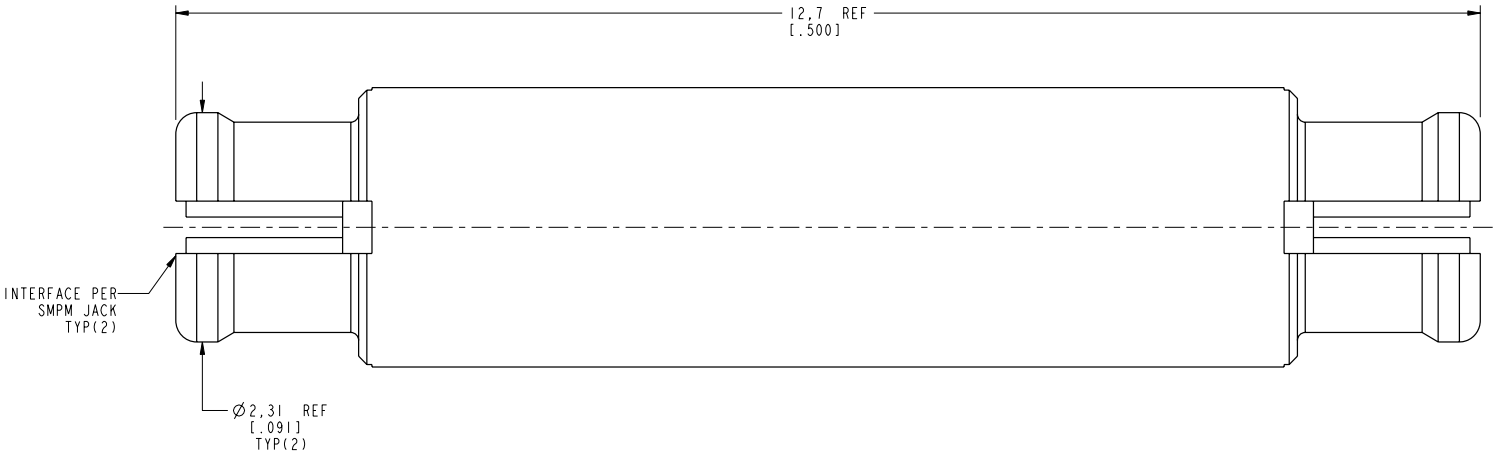
4. PACKAGING:
   A. QUANTITY: 50 PIECES TRAYS
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 925-166A-51S, AND DATE CODE"

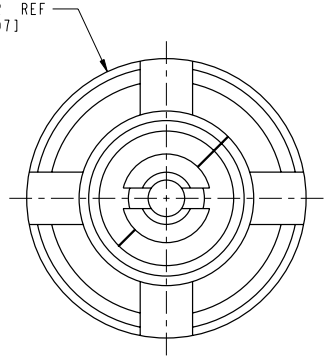
THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	31-May-18	08241	BMG



SCALE 7.000





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°

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.

MATERIAL
SEE NOTES

REFERENCE
7572 AND

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	W.ZENG	DATE 11-Jun-18
ENGINEER	SUNDE	DATE 11-Jun-18
APPROVED	S.HSIEH	DATE 11-Jun-18
CAD FILE		

TITLE
SMPM STR BULLET
JACK TO JACK ASSEMBLY
0.500" LONG

SCALE: 21.0:1.0 | SHEET 2 OF 2

DWG SIZE	REV
B	A

Amphenol RF
www.amphenolrf.com

DRAWING NO. 925-166A-51S
ITEM NO. 925-166A-51S
PART NO. 925-166A-51S