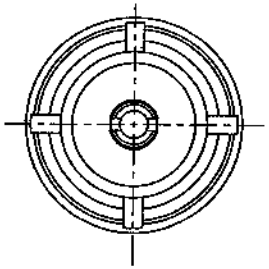
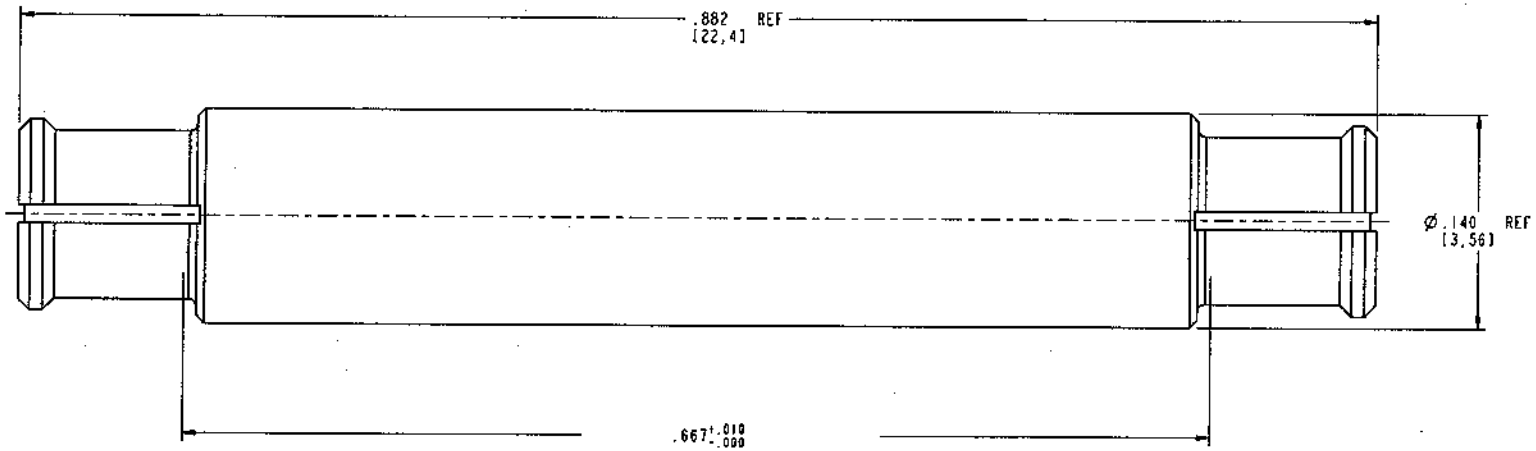
NOTES:
1. MATERIALS AND FINISHES:
   BODY - BeCu, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
   CONTACT - BeCu, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
   INSULATOR - PTFE
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 26.5 GHz
   C. VSWR(RETURN LOSS): 1.2 (20.8 dB), MAX. DC-10GHz
   1.4 (15.6 dB), MAX. 10-18GHz
   1.5 (14 dB), MAX. 18-26.5GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
   A. DURABILTIY: 100 CYCLES MIN.
   B. ENGAGEMENT FORCE: 15 LB [67 N] MAX
   C. DISINGAGEMENT FORCE: 2 LB [9 N] MIN
   E. TEMERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: AMPHENOL, SMP-FSBA-224, DATE CODE

| SMP-FSBA-224 | REVISIONS | | | | |
|---|---|---|---|---|---|
| DRAWING NO. | REV | DESCRIPTION | DATE | ECO | APPR |
| THIRD ANGLE PROJ. | A | RELEASE TO MFG | 11/22/05 | 45809 | MAH |

SCALE 4.000






REQUIRED JACK TO JACK SPACING
FOR BLIND MATE APPLICATIONS

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 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 or 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

REFERENCE
GEN# ASSYF4_SMP
EAR# 283
615X-1721

| | | |
|---|---|---|
| DRAWN M. HOYACK | DATE 27-Sep-01 | TITLE ASSEMBLY FEMALE TO FEMALE |
| ENGINEER M. HOYACK | DATE 27-Sep-01 | |
| APPROVED B C GLEISSNER | DATE 11/22/05 | |
| CAD FILE I:\SMP\SMP-FSBA-224 | CODE ID 74868 | DWG SIZE B |

Amphenol RF
Danbury, CT, USA
Tainan, Taiwan
Shenzhen, China
www.amphenolrf.com

SCALE: 12.0:1 SHEET 2 OF 2

DRAWING NO. SMP-FSBA-224 REV A