

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. DURABILITY: 100 CYCLES MIN.
B. ENGAGEMENT FORCE: 15 LB [67 N] MAX
C. DISINGAGEMENT FORCE: 2 LB [9 N] MIN
E. TEMPERATURE RANGE: -65° C TO 165° C

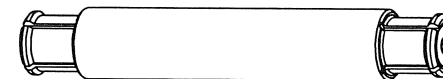
4. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: AMPHENOL, SMP-FSBA-224, DATE CODE

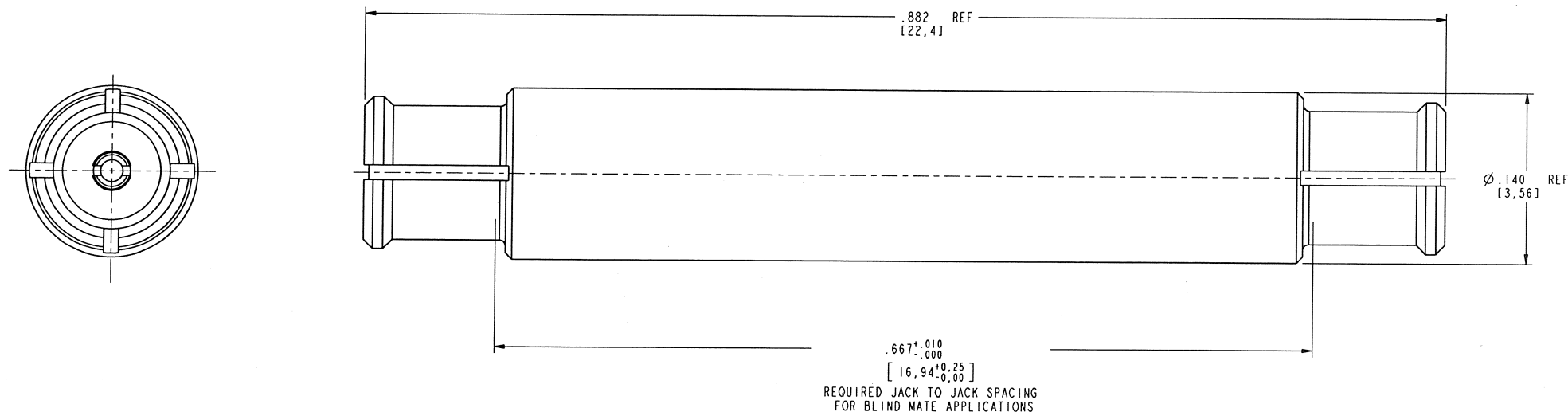
SMP-FSBA-224

REVISIONS

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	A	RELEASE TO MFG	11/22/05	45809	MAH



SCALE 4.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

ENGINEER

M. HOYACK

DATE

27-Sep-01

APPROVED

B C GLEISSNER

DATE

11/22/05

CAD FILE

I:\SMP\SMP-FSBA-224

TITLE

ASSEMBLY
FEMALE TO FEMALE

Amphenol RF

Danbury, CT, USA

Tainan, Taiwan

Shenzhen, China

www.amphenolrf.com

SCALE: 12.0:1 SHEET 2 OF 2

CODE ID
74868DWG SIZE
B

DRAWING NO.

SMP-FSBA-224

REV

A