

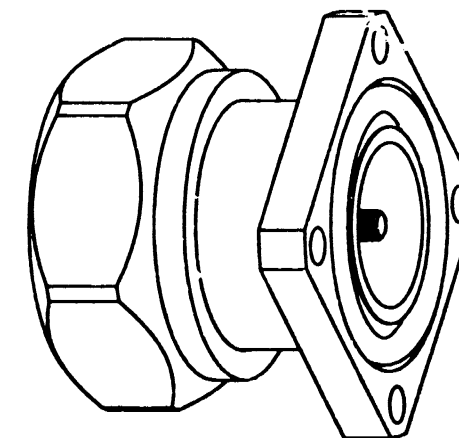
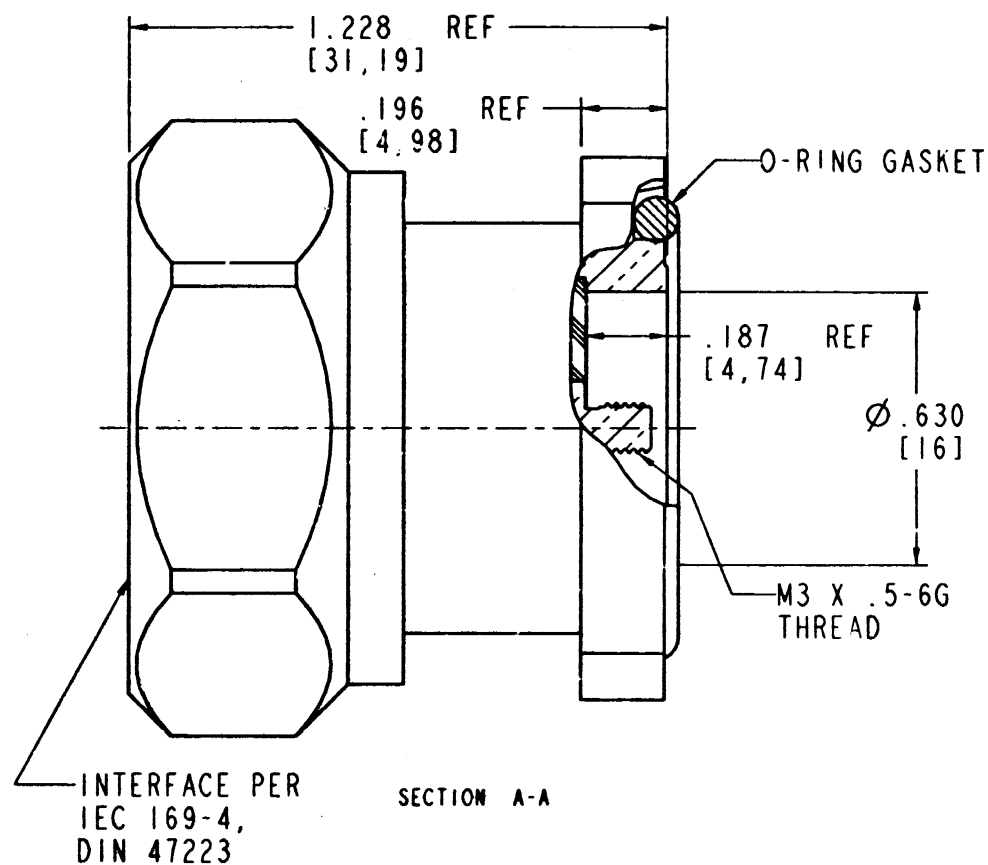
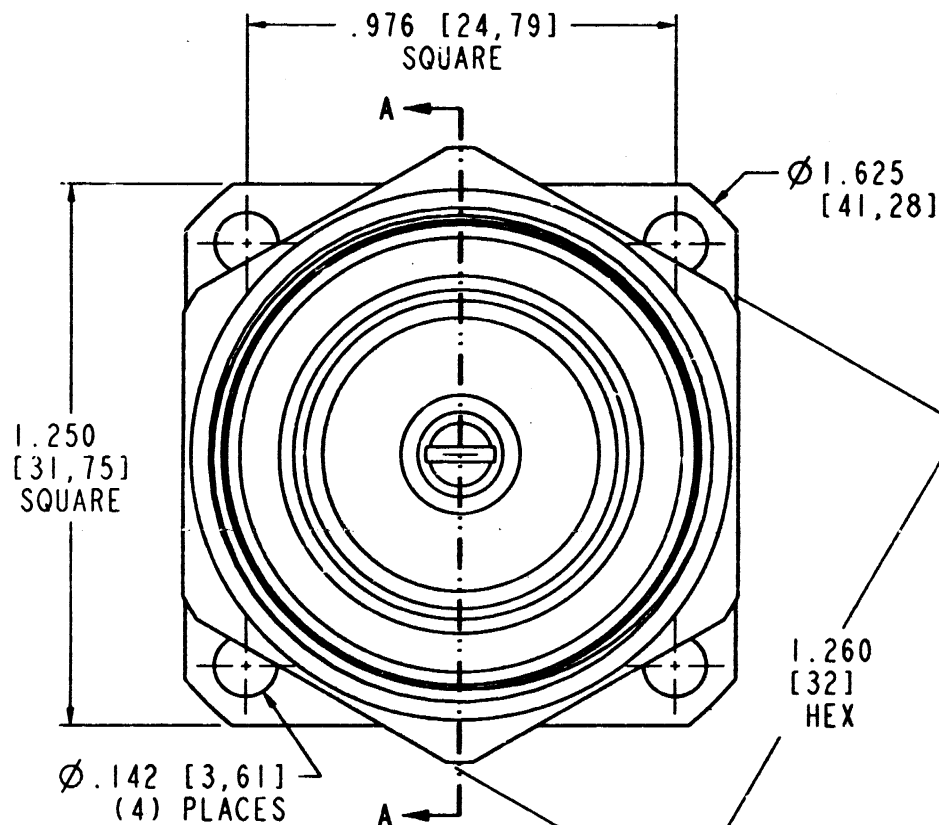
NOTES:

1. MATERIALS OF CONSTRUCTION
 BODY - BRASS, WHITE BRONZE PLATING
 CONTACT (ONE PIECE) - BeCu, SILVER PLATING
 INSULATOR - PTFE
 GASKET - SILICONE
2. PLATING:
 A. WHITE BRONZE - WHITE BRONZE (.000080/.000150) THICK OVER COPPER PER MIL-C-14550 (.00008/.000150) THICK.
 B. SILVER - SILVER PLATE (.000300/.000400) THICK PER QQ-S-365, TYPE III, GRADE A, OVER COPPER FLASH PER MIL-C-14550, CHROMATE PROTECTION REQUIRED.
3. ELECTRICAL
 A. VSWR(RETURN LOSS), MAXIMUM
 DC - 2GHz: 1.05 (32 dB)
 B. THIRD ORDER INTERMODULATION DISTORTION, MAXIMUM
 -120 dBm WITH 2 +43 dBm CARRIERS (-163 dBc)

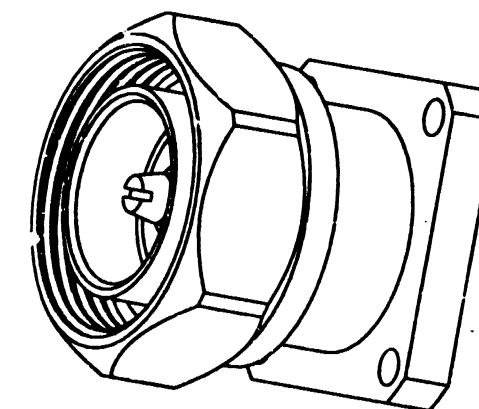
716-49

REVISIONS

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	OFFICIAL ENG. RELEASE TO MFG.	3/23/98	4247	0728



SCALE 1.500



SCALE 1.500

716-49-0001	1	1	716 (M) RECEPTACLE	SEE S/A
PART NUMBER	QTY.	ITEM	DESCRIPTION	FINISH

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°

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MATERIAL

REFERENCE
 GEN# ASSYM20-716
 P/N 716-49-0001
 EAR# 966855-1

DRAWN
 OWEN BARTHELME
 ENGINEER
 OWEN BARTHELME

DATE
 16-Dec-97
 DATE
 16-Dec-97

APPROVED

 DATE
 2/12/98

CAD FILE
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TITLE
 716 (M) RECEPTACLE

Amphenol
 Amphenol Corporation
 Communication and Network
 Products Division
 Danbury, CT U.S.A. 06810

SCALE: 2.5:1 SHEET 1 OF 1

CODE ID 74868 DWG SIZE B DRAWING NO. 716-49

REV
 A