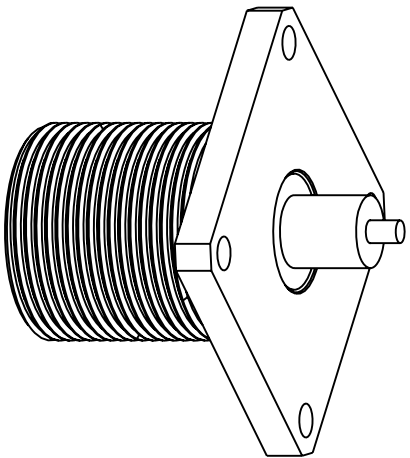


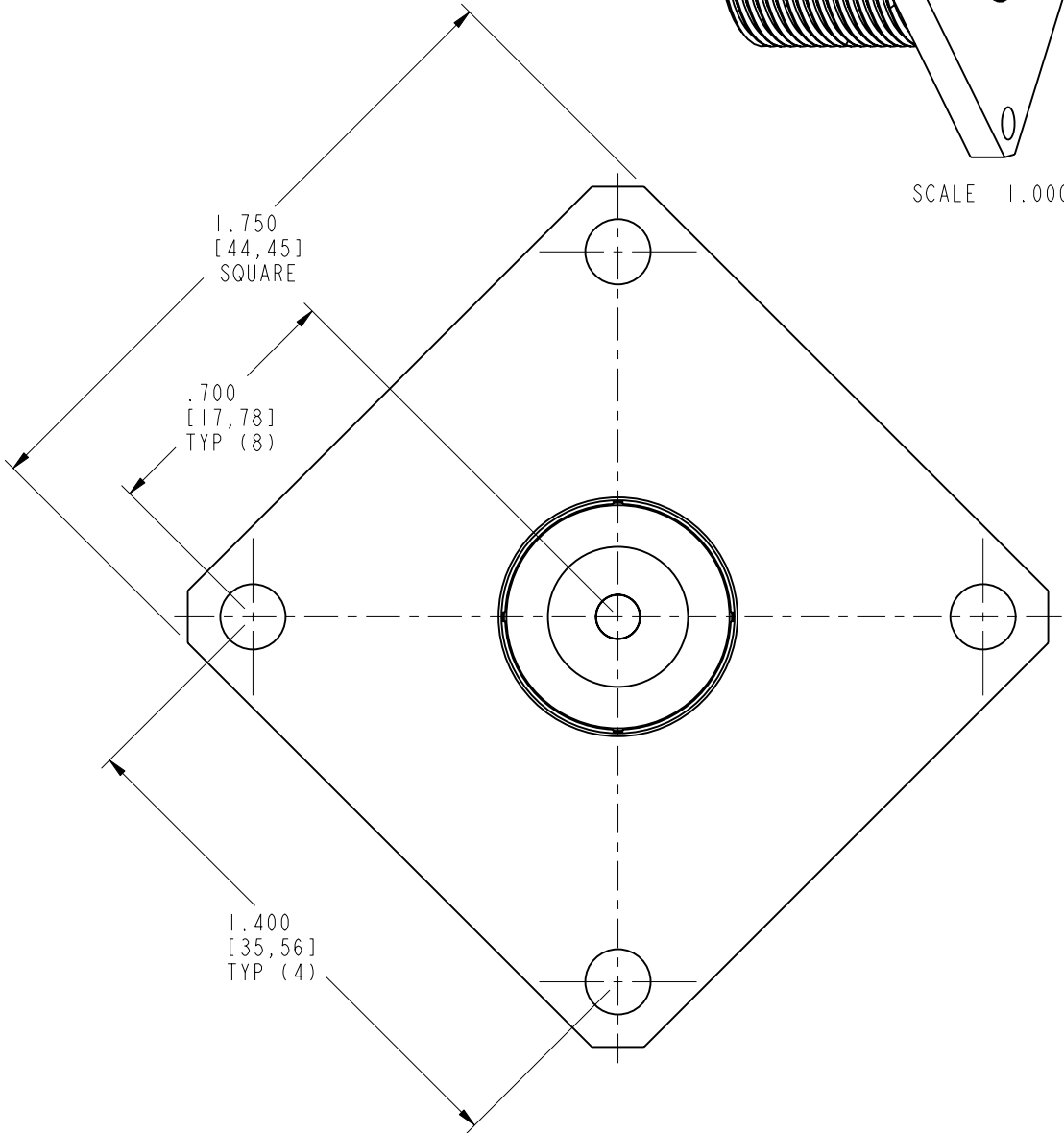
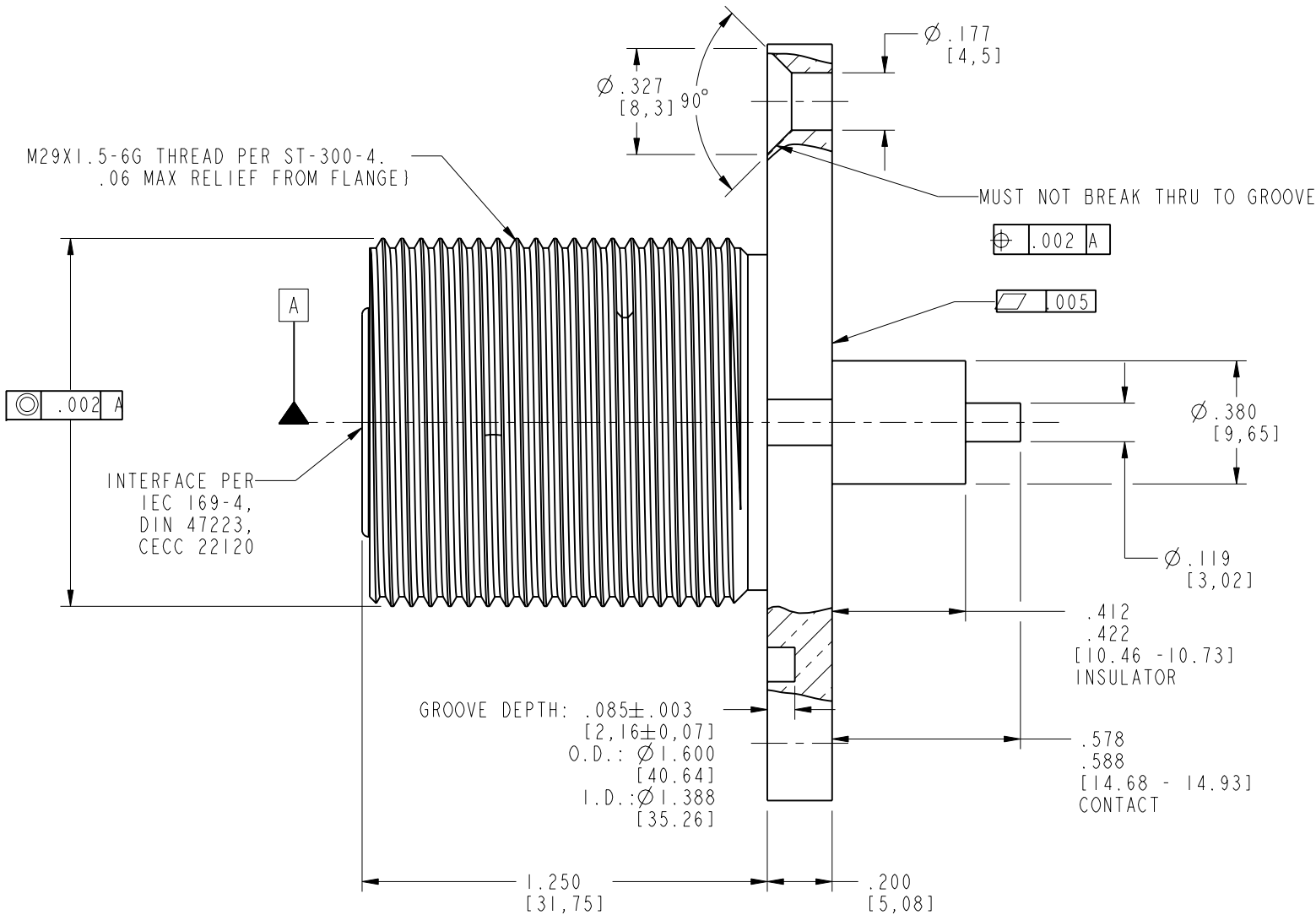
- NOTES:
- MATERIALS AND FINISHES:
BODY - BRASS, WHITE BRONZE PLATING(55% Cu, 25% TIN, 20% ZINC)
CONTACT - PHOSPHOR BRONZE, GOLD PLATING(.000100 MIN OVER .000100 MIN COPPER)
INSULATOR - PTFE
 - ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 7.5 GHz
C.RETURN LOSS - 30 dB MIN. @ 3 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 4000 VRMS, MIN.
E. PASSIVE INTERMODULATION: CONSTRUCTED TO MEET -120 dBm
WITH TWO +43 dBm CARRIERS WHEN
PROPERLY TERMINATED.
 - MECHANICAL:
A. DURABILTIY: 500 CYCLES MIN.
B. TEMERATURE RANGE: -40° C TO 150° C
C. COUPLING NUT TORQUE: 260.0 IN-LBS
D. PROOF TORQUE: 310.0 IN-LBS
 - PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED "AMPHENOL, 716-194, AND DATE CODE"
 - CONNECTOR COMPLIES WITH IEC 169-4, CLASS 3 AND CECC 22190 SPECIFICATIONS.

716-194		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	8/9/05	45671	KJC
	B	CHANGED OVERALL LENGTH	5/4/06	45959	HP

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



SCALE 1.000



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°	MATERIAL	DRAWN K. CAPOZZI	DATE 02/23/05	TITLE 7/16 (F) RECEPTACLE PANEL MOUNT		Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
		ENGINEER K. CAPOZZI	DATE 02/23/05					
	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.	REFERENCE GEN# ASSYF49_716 EAR #1672,1846 611X-4206-100	APPROVED O. BARTHELMES	DATE 8/8/05			SCALE: 2.0:1	SHEET
		CAD FILE I:\716\716-194		CODE ID 74868	DWG SIZE B	DRAWING NO. 716-194		REV B