NOTES:

1. MATERIALS & FINISHES:

BODY	=	BRASS, MATTE TIN PLATED (.000250 MIN THICK) OVER NICKEL
MALE CONTACT	=	BRASS, MATTE TIN PLATED (.000250 MIN THICK) OVER NICKEL
FEMALE CONTACT	=	BERYLLIUM COPPER, TIN PLATED (.000100 MIN THICK)
INSULATORS (3)	=	PTFE
INTERNAL SEAL	=	SILICONE RUBBER
EXTERNAL SEAL	=	EPOXY

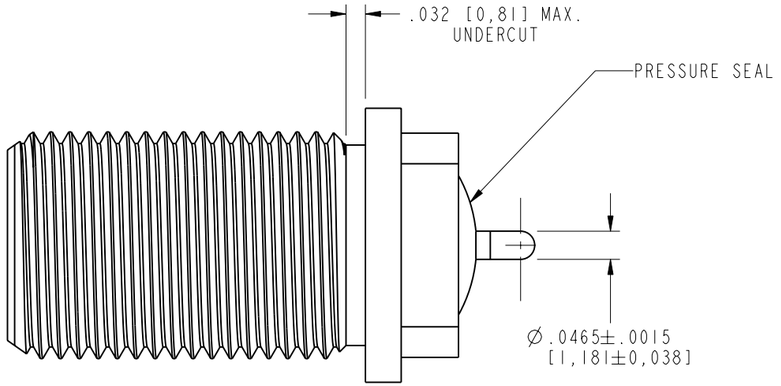
2. ELECTRICAL:

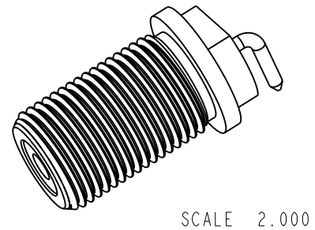
A.	IMPEDANCE:	75 OHMS, NOMINAL
B.	FREQUENCY RANGE:	DC TO 860 MHz
C.	RETURN LOSS (VSWR):	-18 dB (1.288) MAX.
D.	D.W.V.:	1200 VRMS FOR 60 SECONDS, MIN.
E.	INSULATION RESISTANCE:	500 MEG OHMS

3. PHYSICAL & MECHANICAL:

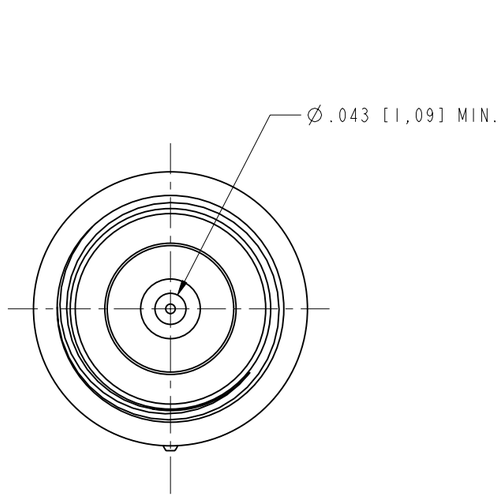
A.	DURABILITY:	100 CYCLES MINIMUM
B.	PIN RANGE:	Ø .022 TO .042
C.	TEMPERATURE:	-40° TO +60°C.
D.	PRESSURE SEAL:	15 PSI FOR 60 SECONDS

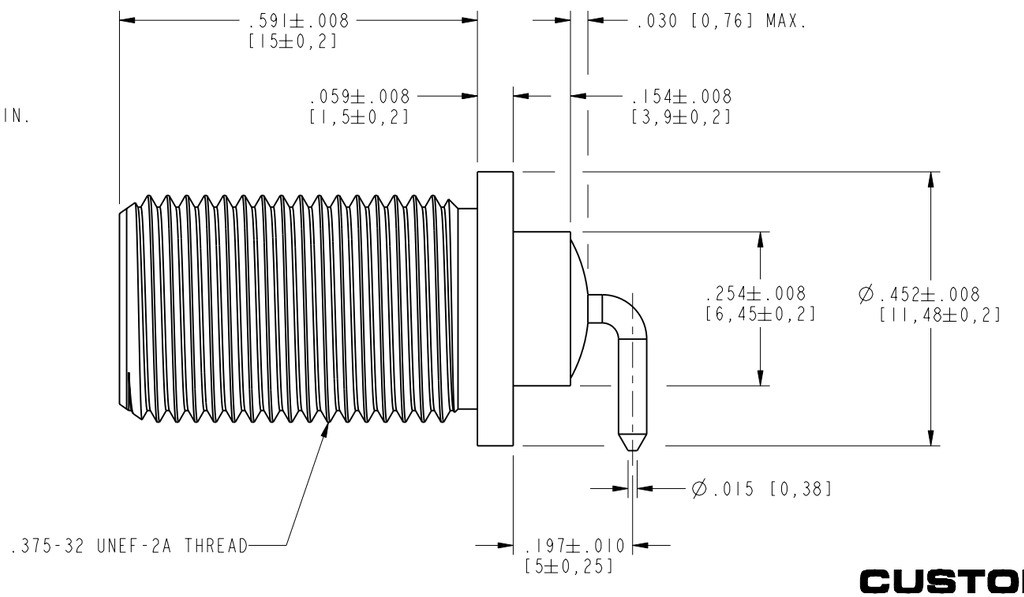
531-40167	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	1/28/04	44798	BCG

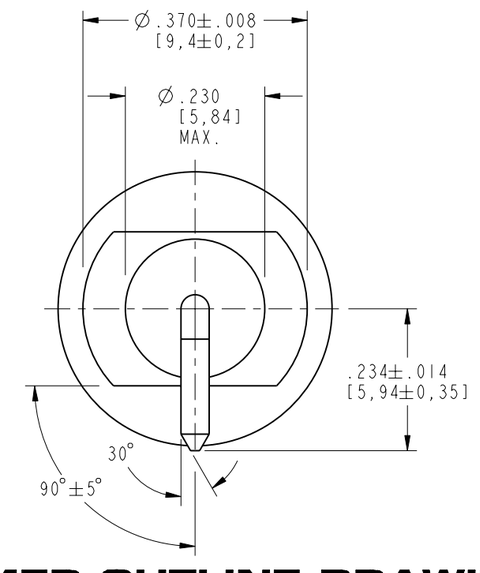




SCALE 2.000







CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

MATERIAL

REFERENCE
151.0457, Rev.P2
616X-1109-100
EAR# 1056
GEN# ASSYF25_F

DRAWN	B.C. GLEISSNER	DATE 27-Jan-04
ENGINEER	B.C. GLEISSNER	DATE 06-Aug-03
APPROVED	O. BARTHELMES	DATE 1/28/04

CAD FILE: I:\CATV\F&G\531-40167

TITLE: F RECEPTACLE, PCB, R/A CONTACT, PRESSURE SEALED

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

SCALE: 4.0:1 | SHEET 2 OF 2

CODE ID	DWG SIZE	DRAWING NO.	REV
74868	B	531-40167	A