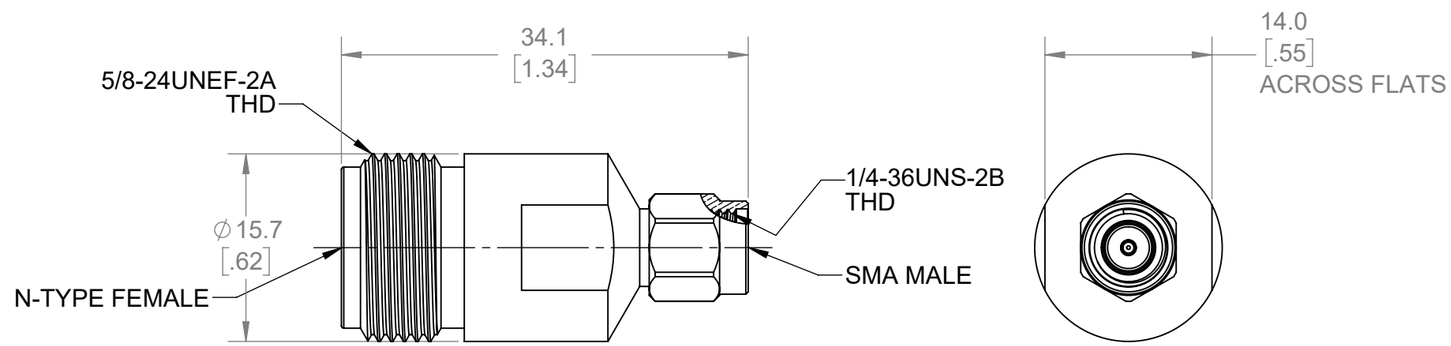
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/22/2021	B. HANSEN

NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ADAPTER TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-39012.
3. MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348.
4. VSWR AND FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDANT ON CABLE TYPE AND OTHER APPLICATION SPECIFIC CONDITIONS.
5. MATERIAL:
   - BODY AND COUPLING NUT: BRASS, WHITE BRONZE
   - CENTER CONTACT: BeCu, GOLD PLATED
   - DIELECTRIC: PTFE
6. ELECTRICAL:
   - IMPEDANCE: 50 Ω
   - FREQUENCY: DC - 12 GHz
   - INSERTION LOSS: ≤0.04 x √f(GHz) dB
   - INSULATION RESISTANCE: 5,000 MΩ MIN
   - DIELECTRIC WITHSTANDING VOLTAGE: 1,000 V MAX @ SEA LEVEL
   - VSWR:1.15:1 @ DC - 12 GHz
7. MECHANICAL:
   - TEMPERATURE RANGE: -55°C TO +165°C
8. COUNTRY OF ORIGIN: CHINA
9. RoHS AND REACH COMPLIANT.

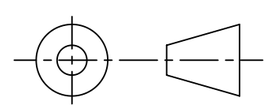


ISOMETRIC VIEW
FULL SCALE

CT3321A	BETWEEN-SERIES	IN-LINE
MODEL NUMBER	CONFIGURATION	NOTES / REFERENCE

MODEL NUMBER TABLE

THIRD ANGLE PROJECTION



REFERENCE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:
X.X = ±0.5 X.X° = ±0.5°
X.XX = ±0.25
X.XXX = ±0.125
DO NOT SCALE DRAWING

MATERIAL: SEE NOTES
TREATMENT: N/A
FINISH: SEE NOTES

PROJECT NO. A598

APPROVALS		DATE
DRAWN	WDH	7/22/2021
CHECKER		
ENGR.	B. HANSEN	7/7/2021
DESIGN ACTIVITY		

METRIC

Cal Test ELECTRONICS
22820 Savi Ranch Prky.
Yorba Linda, CA 92887
USA

TITLE
ADAPTER, N-TYPE FEMALE TO SMA MALE, 50 Ω, INSTRUMENT GRADE

SIZE	CAGE CODE	DWG. NO.	REV.
B	43F45	CT3321A	A

SCALE 2:1 SHEET 1 OF 1