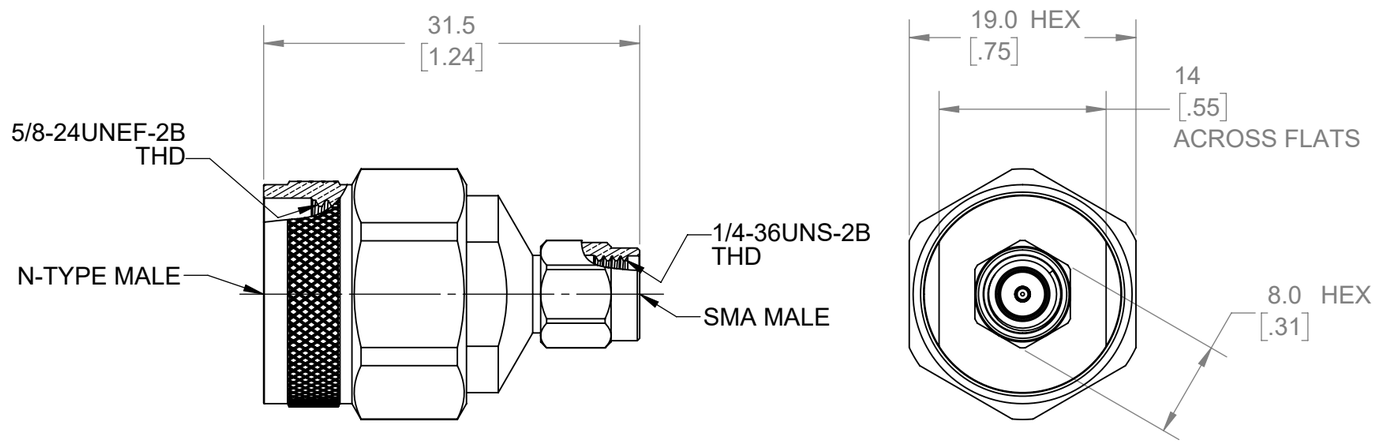
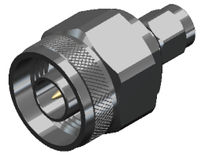
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

| 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: BRASS, 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

| CT3340A | 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 MALE TO SMA MALE, 50 Ω, INSTRUMENT GRADE

| SIZE | CAGE CODE | DWG. NO. | REV. |
|---|---|---|---|
| B | 43F45 | CT3340A | A |

SCALE 2:1 SHEET 1 OF 1