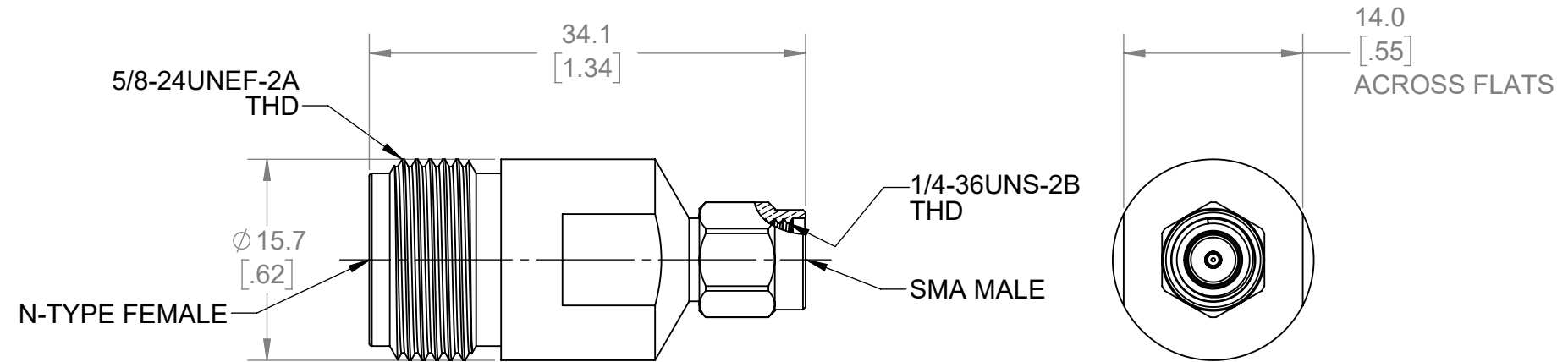


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| REVISIONS |                 |           |           |
|-----------|-----------------|-----------|-----------|
| REV.      | DESCRIPTION     | DATE      | APPROVED  |
| A         | INITIAL RELEASE | 7/22/2021 | B. HANSEN |

NOTES:

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



ISOMETRIC VIEW  
FULL SCALE

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

| THIRD ANGLE PROJECTION |   | PROJECT NO. A598 |           | METRIC   |                 | Cal Test ELECTRONICS |        | 22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA |  |
|------------------------|---|------------------|-----------|--|-----------------|----------------------|--------|--|--|
|                        | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:<br>X.X = ±0.5 X.X* = ±0.5*<br>X.XX = ±0.25<br>X.XXX = ±0.125<br>DO NOT SCALE DRAWING | APPROVALS        | DATE      | TITLE  |                 |                      |        |  |  |
|                        |   | DRAWN WDH        | 7/22/2021 | ADAPTER, N-TYPE FEMALE TO SMA MALE, 50 Ω, INSTRUMENT GRADE |                 |                      |        |  |  |
| REFERENCE              | TREATMENT N/A   | ENGR. B. HANSEN  | 7/7/2021  | SIZE B   | CAGE CODE 43F45 | DWG. NO. CT3321A     | REV. A |  |  |
|                        | FINISH SEE NOTES  | DESIGN ACTIVITY  |           | SCALE 2:1  |                 |                      |        | SHEET 1 OF 1                                     |  |

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