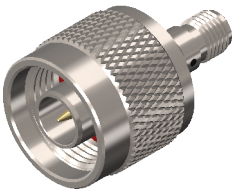
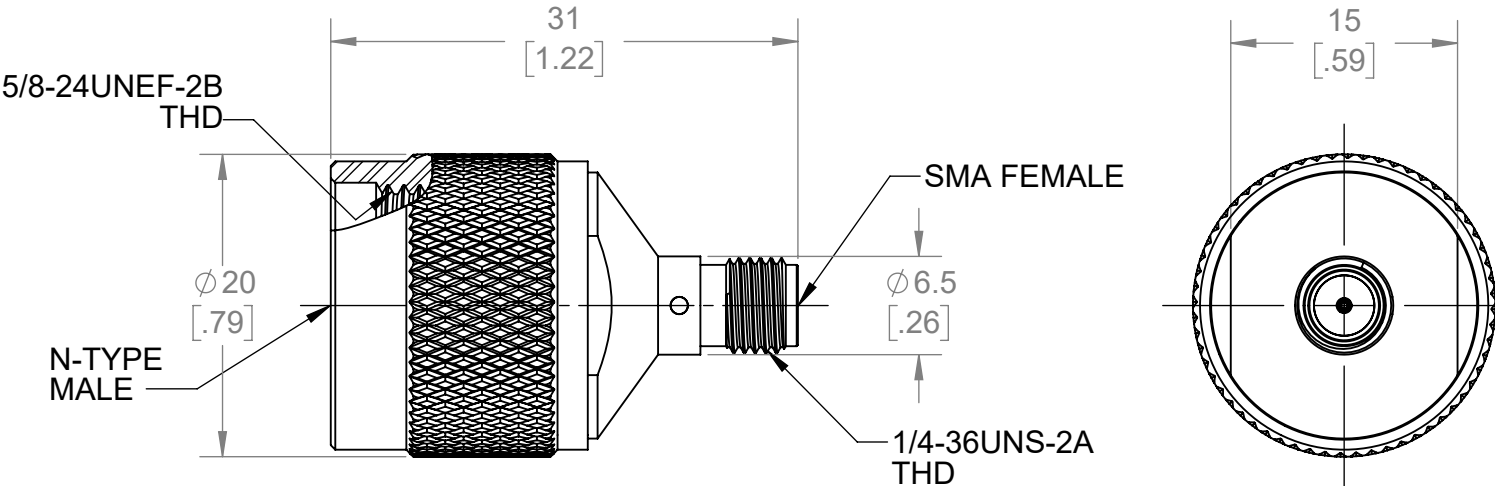


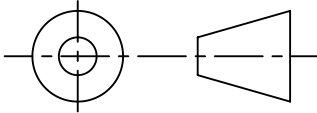
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/7/2021	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: STAINLESS STEEL, PASSIVATED
    - CENTER CONTACT: BeCu, GOLD PLATED
    - DIELECTRIC: PTFE
    - GASKET: SILICONE RUBBER
  - ELECTRICAL:
    - IMPEDANCE: 50 Ω
    - FREQUENCY: DC - 18 GHz
    - CONTACT CURRENT: DC 2.0 A MAX
    - WORKING VOLTAGE: 480 Vrms
    - INSERTION LOSS:  $\leq 0.03 \times \sqrt{f(\text{GHz})}$  dB
    - POWER HANDLING:  $\leq 200 \text{ W @ 2 GHz (@ 20^\circ\text{C, SEA LEVEL, VSWR 1.0})$
    - VSWR: 1.20:1 @ DC - 18 GHz
    - RF LEAKAGE:  $\geq 100 \text{ dB TO 1 GHz}$
  - MECHANICAL:
    - RECOMMENDED TORQUE: 0.7 Nm TO 1.1 Nm
    - TEMPERATURE RANGE: -55°C TO +125°C
  - COUNTRY OF ORIGIN: S. KOREA
  - RoHS AND REACH COMPLIANT.



ISOMETRIC VIEW  
FULL SCALE

	CT3320A		BETWEEN-SERIES		IN-LINE				
	MODEL NUMBER		CONFIGURATION			NOTES / REFERENCE			
MODEL NUMBER TABLE									
THIRD ANGLE PROJECTION	<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: X.X = <math>\pm 0.5</math>    X.X* = <math>\pm 0.5^*</math> X.XX = <math>\pm 0.25</math> X.XXX = <math>\pm 0.125</math> DO NOT SCALE DRAWING</div> <div>MATERIAL SEE NOTES</div>		PROJECT NO. A598		METRIC	<div>Cal Test ELECTRONICS</div> <div>22820 Savi Ranch Prky. Yorba Linda, CA 92887 USA</div>			
			APPROVALS	DATE	TITLE  ADAPTER, N-TYPE MALE TO SMA FEMALE, 50 Ω, INSTRUMENT GRADE				
			DRAWN WDH	7/7/2021					
			CHECKER						
REFERENCE			TREATMENT N/A	ENGR. B. HANSEN					7/7/2021
	FINISH SEE NOTES		DESIGN ACTIVITY		SIZE B	CAGE CODE 43F45	DWG. NO. CT3320A		REV. A
					SCALE 2:1			SHEET 1 OF 1	