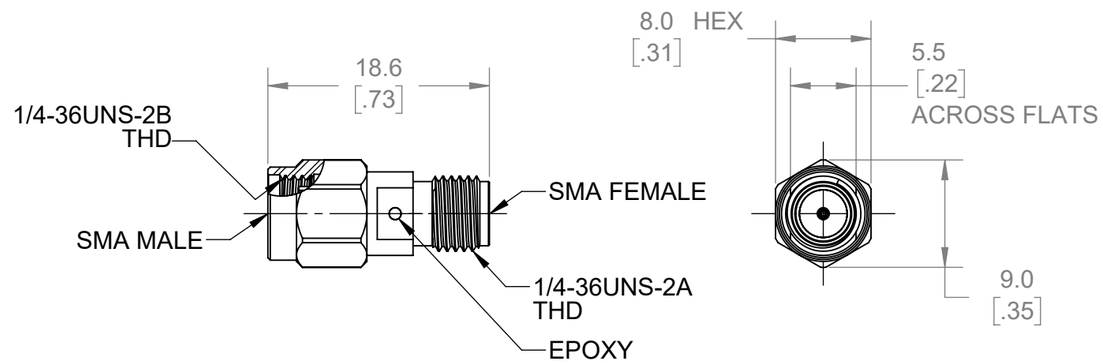
THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/12/2021	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: STAINLESS STEEL, PASSIVATED
   - CENTER CONTACT: BeCu, GOLD PLATED
   - DIELECTRIC: PTFE
6. ELECTRICAL:
   - IMPEDANCE: 50 Ω
   - FREQUENCY: DC - 18 GHz
   - INSERTION LOSS: ≤0.05 x √f(GHz) dB
   - CONTACT CURRENT: DC 2.0 A MAX
   - CW POWER: 50 W
   - RF LEAKAGE: < -60 dB
   - CONTACT RESISTANCE:
     - CENTER: 3.0 mΩ
     - OUTER: 2.5 mΩ
   - WORKING VOLTAGE: 335 Vrms
   - INSULATION RESISTANCE: 5,000 MΩ MIN
   - VSWR:
     - 1.12:1 (-25 dB) @ DC - 6 GHz
     - 1.20:1 (-21 dB) @ 6 -18 GHz
7. MECHANICAL:
   - RECOMMENDED TORQUE: 12 Ncm - 140 Ncm
   - TEMPERATURE RANGE: -56°C TO +125°C
   - CENTER CONTACT EPOXY CAPTIVATED: ≥27 N
8. COUNTRY OF ORIGIN: S. KOREA
9. RoHS AND REACH COMPLIANT.

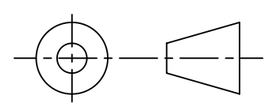


CT3326A	IN-SERIES	IN-LINE
MODEL NUMBER	CONFIGURATION	NOTES / REFERENCE

MODEL NUMBER TABLE

ISOMETRIC VIEW
FULL SCALE

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	7/12/2021
CHECKER		
ENGR.	B. HANSEN	7/12/2021
DESIGN ACTIVITY		

METRIC

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

TITLE: ADAPTER, SMA MALE TO SMA FEMALE, 50 Ω , INSTRUMENT GRADE

SIZE	CAGE CODE	DWG. NO.	REV.
B	43F45	CT3326A	A

SCALE 2:1 SHEET 1 OF 1