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REV. A

DESCRIPTION
INITIAL RELEASE

DATE
7/22/2021

APPROVED
B. HANSEN

D

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 @ SEA LEVEL
• 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.

C

31.5
[1.24]

5/8-24UNEF-2B THD

N-TYPE MALE

19.0 HEX
[.75]

14
[.55]
ACROSS FLATS

8.0 HEX
[.31]

1/4-36UNS-2B THD

SMA MALE

ISOMETRIC VIEW

FULL SCALE

CT3340A

BETWEEN-SERIES

IN-LINE

MODEL NUMBER

CONFIGURATION

NOTES / REFERENCE

THIRD ANGLE PROJECTION

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
7/22/2021

DRAWN
WDH

CHECKER

ENGR.
B. HANSEN

7/7/2021

DESIGN ACTIVITY

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

SIZE
B

CAGE CODE
43F45

DWG. NO.
CT3340A

REV.
A

SCALE
2:1

SHEET
1 OF 1

22820 Savi Ranch Prky.
Yorba Linda, CA 92887
USA

METRIC

Cal Test
ELECTRONICS

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