

SPECIFICATIONS

PRODUCTION
RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACC. WITH 1345-1992

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
C	REVISED DWG TO C SIZE SHT, UPDATED FORMAT	09/09/10	D.S.S

ELECTRICAL

FREQUENCY RANGE _____ DC TO 18 GHz

ATTENUATION _____ 0-6 dB _____ ± 0.3 dB
7-12 dB _____ ± 0.5 dB
13-30 dB _____ ± 0.7 dB
21-40 dB _____ ± 1.0 dB

VSWR (MAX) _____ DC-4 GHz _____ 1.15
4-12.4 GHz _____ 1.25
12.4-18 GHz _____ 1.35

POWER _____ 2 WATTS (AVG)
500 WATTS
(PEAK) 5 μ S PULSE W, 0.05% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

MECHANICAL

OPERATING TEMP RANGE -65 TO +125°

WEIGHT MAX. _____ 1.34oz.

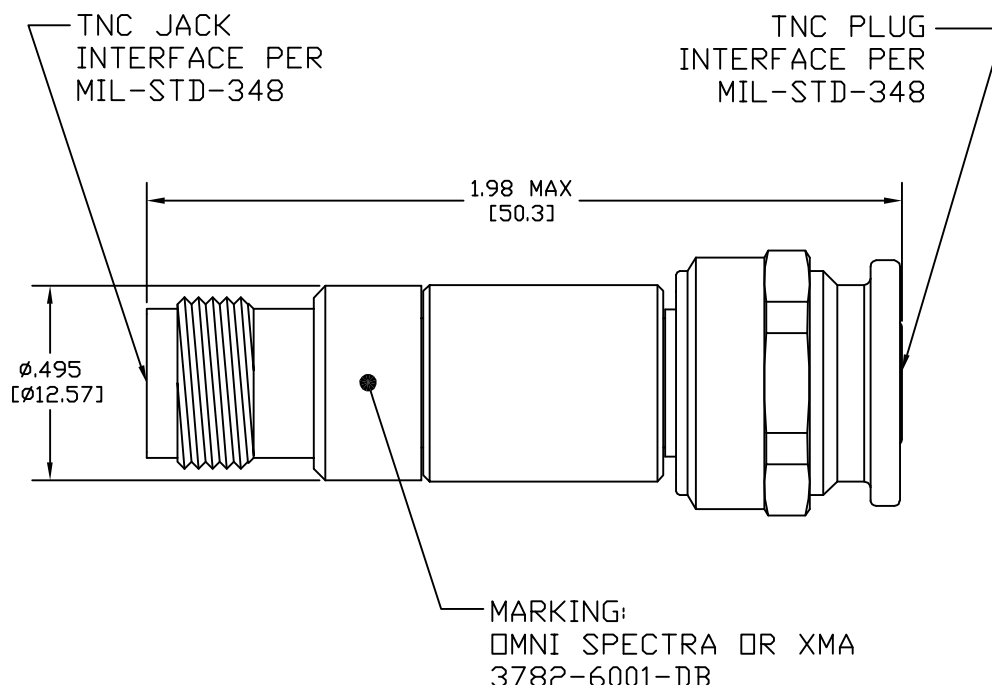
MATERIAL

OUTER CONDUCTOR: STAINLESS STEEL NON MAGNETIC,
PASSIVATED FINISH.

CENTER CONDUCTOR: BERYLLIUM COPPER, GOLD PLATED.

DIELECTRIC: TEFLON.

MATERIALS & FINISHES TYPICALLY PER MIL-PRF-39012



DRAWING PRACTICES PER ANSI-Y-14.5
REL. STD-100 & 1000

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN

DECIMALS INCH

SURFACE
ROUGHNESS

63

FINISH
SEE NOTES

MATERIAL
SEE NOTES

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN

DECIMALS INCH

XXX .03" [76]

XXX .010" [25]

XXXX .005 [127]

XXXX .0005 [013]

ANGLES $\pm 0^{\circ}30'$

REMOVE ALL BURRS/SHARP W/
BREAK I/R OF .003" TO .005"

UNLESS OTHERWISE NOTED,
DIAS CONCENTRIC $\leq .003$ T.I.R.

DRAWN
T. MAIN

CHECKED
DATE

ENG.
D. SAUNDERS

DATE
07/28/2010

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TITLE
TYPE A TNC FIXED
COAXIAL ATTENUATOR

SIZE
c

CAGE CODE
3HT76

DWG NO.
3782-6001-DB

SCALE 4:1

SHEET 1 OF 1