

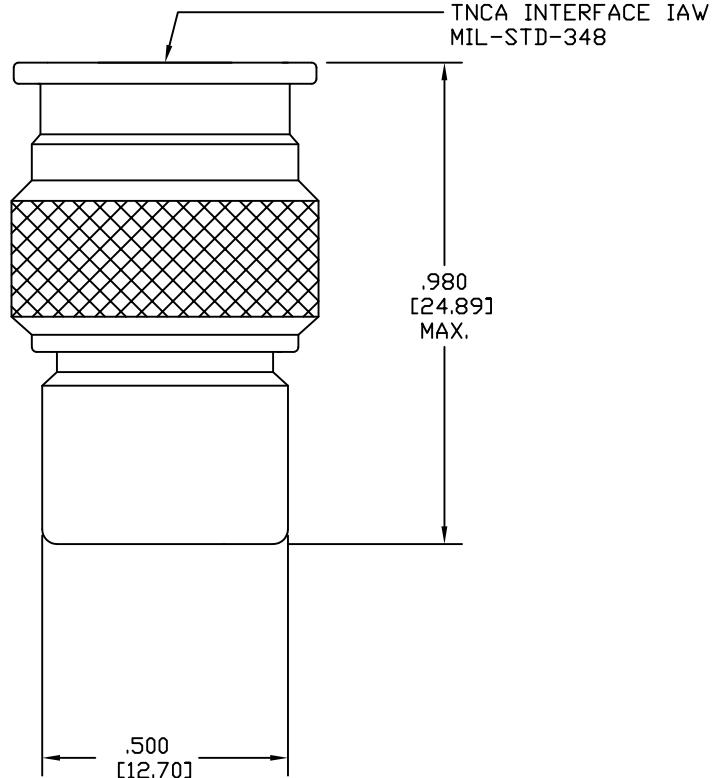
PRODUCTION
RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IAW ANSI Y14.5-1982

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REDRAWN INTO AUTOCAD	6/15/12	T. KUHN

ELECTRICAL

FREQUENCY RANGE	DC TO 18 GHz
VSWR (MAX)	DC-12.4 GHz 1.15 12.4-18 GHz 1.25
POWER_(AVG.)_---	2 WATTS*
(PEAK)	500 WATTS**
	* POWER DERATES LINEARLY FROM 100% @ 25°C TO 10% @ 125°C
	++ @ ≤ 5 μSec PULSE W, & ≤ 0.05% DUTY CYCLE
IMPEDANCE	50 ΩHMS
TEMP RANGE (OPERATING)	-55 TO +125°C
(STORAGE)	-65 TO +150°C



1. MATERIALS:
 - Outer Conductor -Stainless Steel Non Magnetic
ASTM A484 & A582, Class 303, COND. A.
 - Center Conductor --- Beryllium Copper per
ASTM B196 & B197 1/2 Hard.
 - Dielectric --- Teflon per ASTM D1710.
2. Finish
 - Center Conductor
GOLD PLATED per ASTM-B488 AND MIL-PRF-39012
 - Chain is Passivated Finish for all units.
 - Outer Conductor
PASSIVATED SS per ASTM A380.

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000		UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH MM	DRAWN M. TURNER 8/20/2009	DATE CHECKED
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/ AFTER PROCESSING		XX" .03" [.76] XX" .010" [.25] XXX" .005" [.127] XXXX" .0005" [.013]	ENG. T. KUHN 6/15/12	DATE TITLE
SURFACE FINISHES	63 ✓			
FINISH	SEE NOTES			
MATERIAL	SEE NOTES			

TNC PLUG TERMINATION		
SIZE	CAGE CODE	DWG NO.
C	3HT76	3101-6120-02
SCALE	5:1	PLATING AREA SQUARE INCHES XXX