

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 12.4 GHz
 VSWR (MAX) _____ 1.05+.015(f)
 POWER _____ 5 WATTS (AVG)
 0.5 KILOWATTS (PEAK)
 DERATED LINEARLY FROM 100%
 AT +25° C TO 10% AT +125° C
 (PEAK) 5µ S PULSE W, 0.25% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

MECHANICAL

OPERATING TEMP RANGE -55 TO +125°
 WEIGHT MAX. _____ 1.6oz.

MATERIAL

OUTER CONDUCTOR: STAINLESS STEEL NON MAGNETIC,
 PASSIVATED FINISH.
 CENTER CONDUCTOR: BERYLLIUM COPPER, GOLD PLATED FINISH.
 DIELECTRIC: TEFLON
 HEAT SINK: ALUMINIUM ALLOY, BLACK ANNOXIDIZED FINISH.
 MATERIALS & FINISHES TYPICALLY PER MIL-PRF-39012

PRODUCTION
RELEASE

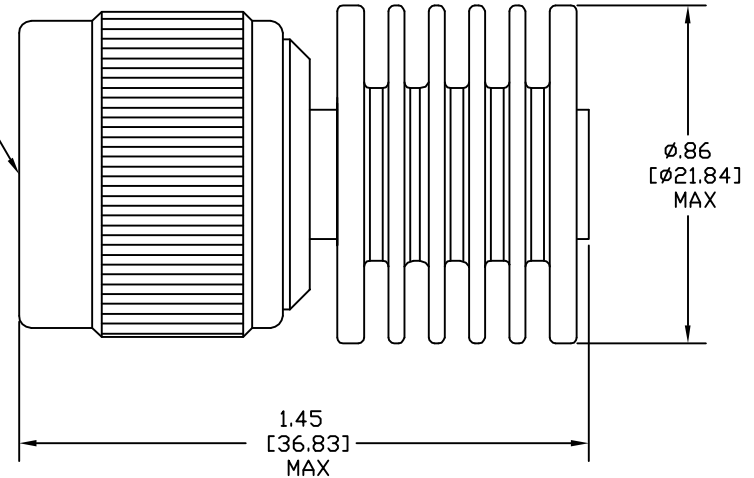
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACCORDANCE WITH ASME Y14.5-1995

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
-	INITIATED NEW DRAWING	09/09/10	D.S.S

TYPE N PLUG
INTERFACE PER
MIL-STD-348

OF HEAT SINK FINS
MAY VARY WITH LOTS



TYPE N JACK INTERFACE
PER MIL-STD-348
FEMALE CONNECTOR WHEN PREFIX
CHANGED FROM 3001- TO 3002-

DRAWING PRACTICES PER ASME Y14.5-1995 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH MM .XX" .075" [1.9] .XXX" .050" [1.3] .XXXX" .030 [0.76]	DRAWN T. MAIN 07/28/2010	DATE
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/ AFTER PROCESSING		CHECKED	DATE
SURFACE ROUGHNESS		ENG D. SAUNDERS 09/09/2010	DATE
FINISH	UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OWN SPECTRA AND SHALL NOT BE REPRODUCED, COPIED, NOR USED, IN WHOLE OR IN PART, AS A BASIS FOR THE DESIGN, MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP. CUSTOMERS AND VENDORS MAY COPY FOR INTERNAL REVIEW USE AS WEDED	
SEE NOTES		TITLE 5W TYPE N TERMINATION	
MATERIAL		SIZE C	CAGE CODE 3HT76
SEE NOTES		DWG NO. 3001-6117-00	SCALE 4:1

WWW.XMACorp.com Sales@XMACorp.com	
XMA Powered by:	Omni
Spectra®	
XMA Corp. 150 Dow St. Manchester, NH 03045 (603) 222-2256 fax 222-2259	
SIZE C	CAGE CODE 3HT76
DWG NO. 3001-6117-00	SCALE 4:1
PLATING REF. SOLDER REF.	XXX
SHEET 1 OF 1	