

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 6 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

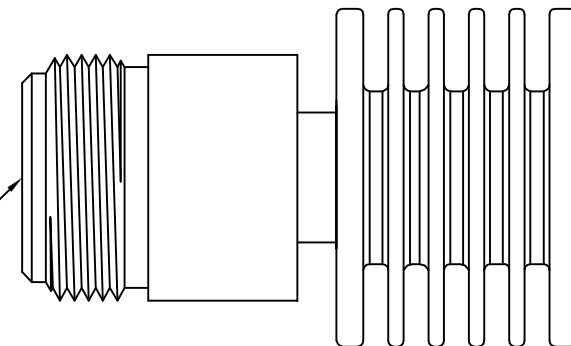
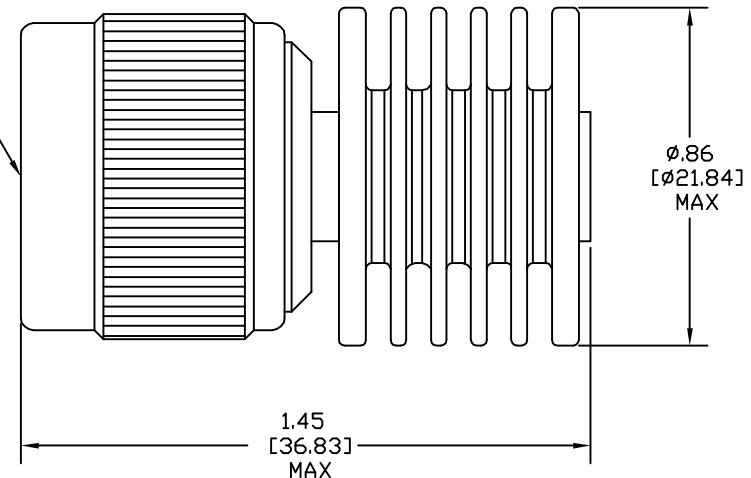
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACCORDANCE WITH
ANSI Y14.5-1992

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 ANSI Y14.5-1992 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	DRAWN T. MAIN DATE 07/28/2010
DECIMALS	INCH	MM
.XX	.075	[1.9]
.XXX	.050	[1.3]
.XXXX	.030	[0.76]
SURFACE ROUGHNESS		
FINISH		
SEE NOTES		
MATERIAL		
SEE NOTES		

UNLESS OTHERWISE SPECIFIED DIA CONCENTRIC <.003 T.I.R.	DATE 09/09/2010
ENGINEER D. SAUNDERS	CHECKED

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DATE 09/09/2010	CHECKED

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XMA Powered by:		Omni	
Spectra®			
XMA Corp. 150 Dow St. Manchester, NH 03045 (603) 222-2256 fax 222-2259			
TITLE 5W TYPE N TERMINATION			
SIZE C	CAGE CODE 3HT76	DWG NO. 3001-6116-00	
SCALE 4:1	PLATING AREA SOLDER BUSHES	XXX	SHEET 1 OF 1