

5	4	3	2	1
<b>PRODUCTION RELEASE</b>				
<small>NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION</small>				
<small>INTERPRET IAW ANSI Y14.5-1982</small>				
<b>REVISIONS</b>				
REV	STL	DESCRIPTION	DATE	APPROVED
		A ADDED LENGTH	2/17/12	T KUHN

ELECTRICAL  
FREQUENCY RANGE

DC-18 GHz

VSWR  
DC - 12.4GHz  
12.4 - 18GHz

1.20:1 MAX  
1.25:1 MAX

INPUT POWER

2 WATTS AVG. @ 25°C  
DERATED LINEARLY TO 1 WATT @ 125°C

PEAK POWER

500 WATTS

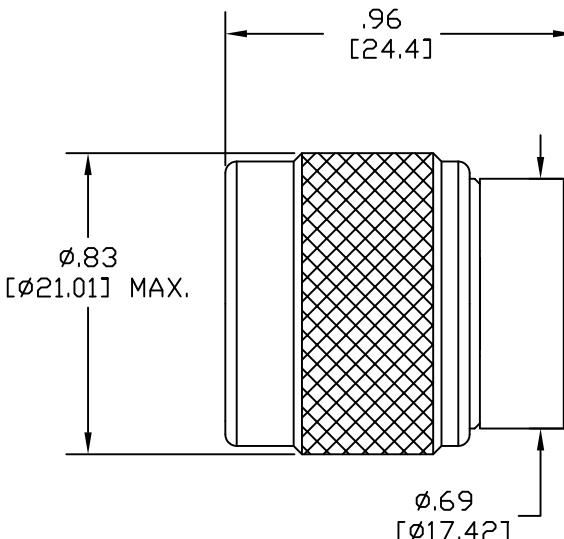
IMPEDANCE  
OPERATING TEMP RANGE

50 OHMS  
-65°C TO +125°C

MECHANICAL

TYPE N CONNECTOR  
CONDUCTORS

PASSIVATED STAINLESS STEEL  
GOLD PLATED BERYLLIUM COPPER



DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000		UNLESS OTHERWISE SPECIFIED TOLERANCES IN:		DRAWN A. Gagne	DATE 10/12/10
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING		DECIMALS	INCH	MM	CHECKED DATE
SURFACE ROUGHNESS	63	.X"	.03"	[.76]	ENG. DATE
		.XX"	.030"	[.25]	
		XXX"	.005	[.127]	
		XXXX"	.0005"	[.013]	
FINISH SEE NOTES		ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.			
MATERIAL SEE NOTES		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.			

NO. **XMA** Omni Spectra™  
P603-222-2256  
150 Dow Street, Manchester, NH 03101 F603-222-2259

**TERMINATION, TYPE N, MALE  
2 WATT, DC-18GHz**

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 3001-7010-02
SCALE 3:1	PLATED AREA XXX	SHEET 1 OF 1 BCSI