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**PRODUCTION  
RELEASE**

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED	6/9/09	TAK

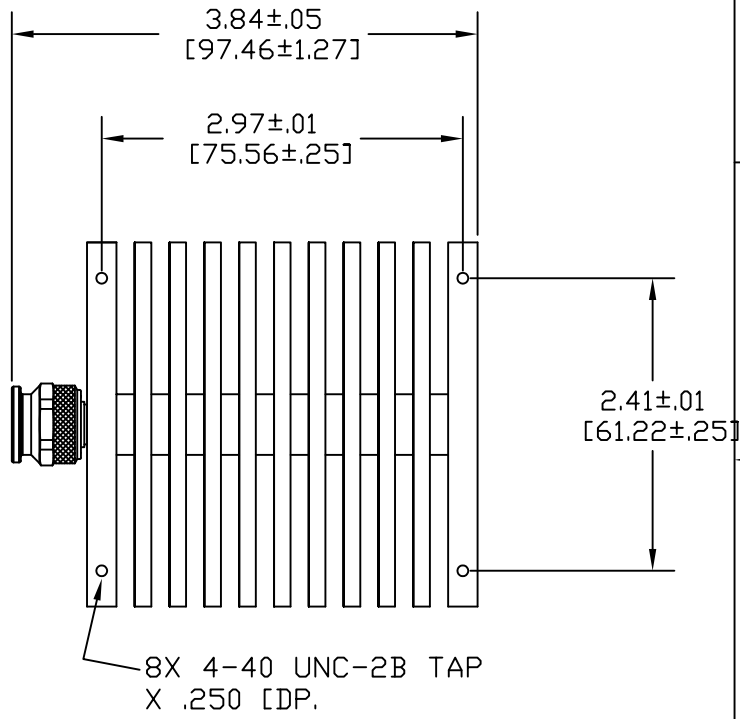
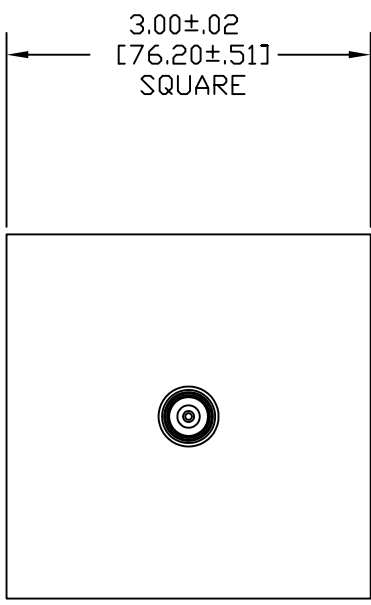
NOTE:  
THIS DRAWING INCORPORATES  
THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1992

ELECTRICAL  
FREQUENCY RANGE \_\_\_\_\_ DC-6GHz

VSWR \_\_\_\_\_  
DC - 6GHz \_\_\_\_\_ 1.25:1 MAX  
INPUT POWER \_\_\_\_\_ 50 WATTS AVG. @ 25°C  
DERATED LINEARLY TO 10 WATTS @ 125°C  
PEAK POWER \_\_\_\_\_ 500 WATTS  
\_\_\_\_\_ (50µSec PULSE, 05% DUTY CYCLED)  
IMPEDANCE \_\_\_\_\_ 50 OHMS  
OPERATING TEMP RANGE \_\_\_\_\_ -65°C TO +125°C

MECHANICAL  
TNC CONNECTOR \_\_\_\_\_ PASSIVATED STAINLESS STEEL  
CONDUCTORS \_\_\_\_\_ GOLD PLATED BERYLLIUM COPPER  
HOUSING \_\_\_\_\_ BLACK ANODIZED ALUMINUM



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DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	
SURFACE ROUGHNESS	63 ✓
FINISH	SEE NOTES
MATERIAL	SEE NOTES

UNLESS OTHERWISE SPECIFIED	
TOLERANCES IN:	
DECIMALS	INCH MM
.X"	.03" [.76]
.XX"	.010" [.25]
.XXX"	.005 [.127]
.XXXX"	.0005" [.013]
ANGLES ±0°30'	
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.	

DRAWN	T. KUHN	DATE	6/9/09
CHECKED		DATE	
ENG.		DATE	
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**XMA** Omni Spectra™

150 Dow Street, Manchester, NH 03101 P:603-222-2256 F:603-222-2259

TITLE  
**TERMINATION, TNC MALE,  
50 WATT, DC - 6GHz**

SIZE	CAGE CODE	DRAWING NUMBER
B	3HT76	3701-7550-06
SCALE	PLATED AREA	SHEET 1 OF 1
1:1	XXX	

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BCSI