

**PRODUCTION
RELEASE**

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

REVISIONS		
REV	DESCRIPTION	APPROVED
B	ADDED 2001- TO DRAWING	02/22/2010 D. Saunders

NOTES:

FREQ: 2001 or 2002-7019-80 DC - 4 GHz
 2001 or 2002-7018-80 DC - 12.4 GHz
 2001 or 2002-7017-80 DC - 18 GHz

VSWR DC - 6 GHz 1.05 + .015f(GHz)
 6-12.4 GHz 1.25:1 MAX
 12.4-18 GHz 1.35:1 MAX.

CONNECTOR HOUSING PASSIVATED ST. STEEL

CONTACT BE CU, GOLD PLATED

HEATSINK - BLACK ANODIZED ALUMINUM

AVG POWER 10 WATTS

PEAK POWER 500 W (5 microSec, 1% DUTY CYCLE)

POWER DERATES LINEARLY TO 10% AT 125°C FROM 25°C

OPERATING RANGE -65 TO +125

ORDERING:

2001-701X-80 IS MALE CONNECTOR - FIGURE 1
 2002-701X-80 IS FEMALE CONNECTOR - FIGURE 2

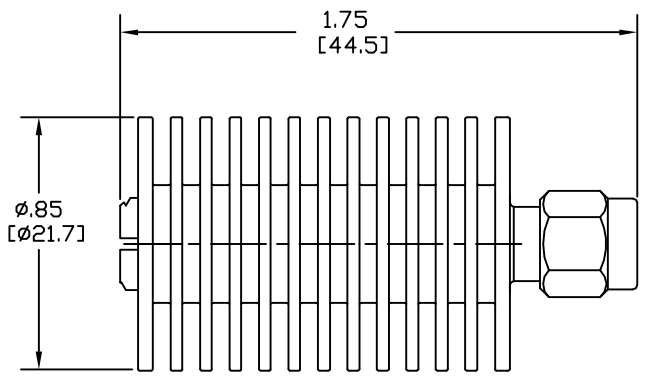


FIGURE 1 2001-701X-80

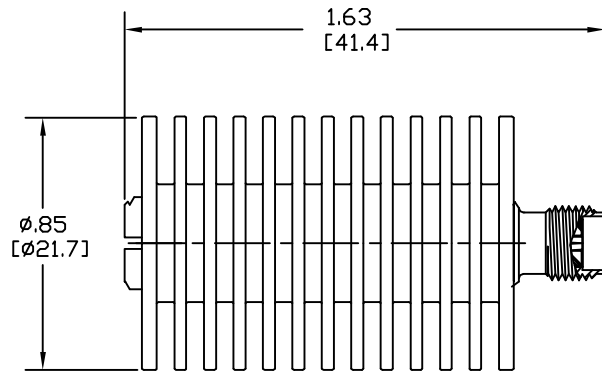


FIGURE 2 2002-701X-80

DRAWING PRACTICES PER ANSI-Y14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH MM .XX .03" [.76] .XXX .010" [.25] .XXXX .005 [.127] .XXXXX .0005 [.013]	DRAWN D. SAUNDERS	DATE 01/14/2010
		CHECKED	DATE
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	ANGLES ±0°30'	ENGR D. SAUNDERS	DATE 01/14/2010
SURFACE ROUGHNESS 63	REMOVE ALL BURRS/SHARP BREAK IN OF .003" TO .005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP / OMN SPECTRA AND SHALL NOT BE REPRODUCED COPIED, FOR REED, 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	
FINISH SEE NOTES		SIZE C	CAGE CODE 3HT76
MATERIAL SEE NOTES		SCALE 3:1	DWG NO. 200X-7017-80

WWW.XMACorp.com Sales@XMACorp.com

XMA Omni **Spectra**

XMA Corp. 150 Dow St. Manchester, NH 03045 (603) 222-2256 fax 222-2259

TITLE
**10 WATT, SMA
TERMINATION**

SCALE 3:1 PLATE OFF. CO. REF. BUCHS XXX SHEET 1 OF 1