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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC - 18 GHz

VSWR
DC-12.4 GHz _____ 1.20:1 MAX
12.4-18 GHz _____ 1.25:1 MAX

IMPEDANCE _____ 50 OHMS

TEMPERATURE RANGE _____ -65°C TO +125°C

POWER (AVG) _____ 2 WATTS @25°C
POWER DERATES LINEARLY TO 1 WATT @+125°C

POWER (PEAK) _____ 500 WATTS
(<5 μ SEC PW, <0.5% DUTY CYCLE)

MECHANICAL

INNER CONDUCTOR _____ BERYLLIUM COPPER

OUTER CONDUCTOR _____ STAINLESS STEEL.

DIELECTRIC _____ TEFLON

FINISH

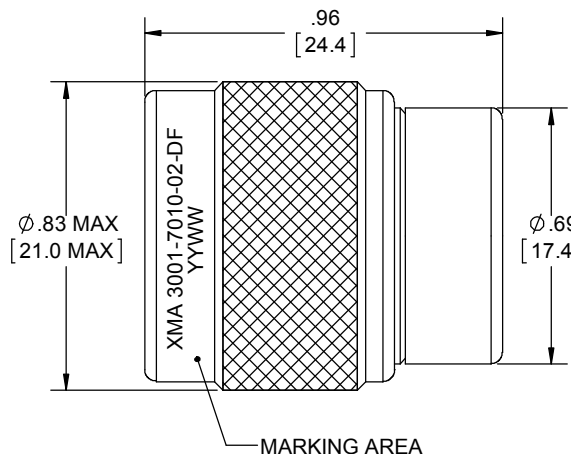
INNER CONDUCTOR: _____ GOLD PLATED

HOUSING/COUPLING NUT _____ PASSIVATED

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR AND READABLE.
YYWW EQUALS DATE CODE.

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE		12/1/10	A.GAGNE
A	ADDED MARKING	15-328	11/10/15	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	3001-7010-02-DF	TERMINATION, N-m, DC-18GHz, 2W	
1	TA-3001-7010-02-DFU	ASSY, TERMINATION, N-m, DC-18GHz, 2W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000
 DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING
 SURFACE ROUGHNESS μ INCHES 63
 FINISH:
 SEE NOTE
 MATERIAL:
 SEE NOTE
 NOTE:
 THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.

 INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:
 DECIMALS INCH (MM)
 .X" .05" [1.27]
 .XX" .03" [.76]
 .XXX" .010" [.25]
 ANGLES $\pm 0^{\circ}30'$
 REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.
 DO NOT SCALE PRINT

DRAWN DATE
 MCCORMICK 11/10/15
 CHECKED DATE
 MCCORMICK 11/10/15
 ENG. APPR. DATE
 T.KUHN 11/10/15
 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.

Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101
 TITLE
 TERMINATION, N-m, DC-18GHz, 2W
 SIZE B CAGE CODE 3HT76 DRAWING NUMBER 3001-7010-02-DF REV A
 SCALE PLATED AREA SQ. IN SHEET 1 OF 1

This unit will use raw materials that are in accordance with DFAR Clause 252.225-7014, "Preference For Domestic Specialty Metals, Alt. 1" Metals must have been melted in the United States, its outlying areas, or a qualifying country listed in DFARS 225.872-1.

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