

**SPECIFICATIONS**

**ELECTRICAL**

<b>VSWR</b>	
DC - 4GHz	1.10:1 MAX
4 - 8GHz	1.15:1 MAX
8 - 12.4GHz	1.20:1 MAX
12.4 - 18GHz	1.25:1 MAX
<b>INPUT POWER</b> 2 WATTS AVG.	
POWER DERATES LINEARLY FROM +25°C <10 @ 125°C	
<b>PEAK POWER</b>	500 WATTS
(5uSec PULSE, .05% DUTY CYCLE)	
<b>IMPEDANCE</b>	50 OHMS
<b>OPERATING TEMP RANGE</b>	-65°C TO +125°C

**MECHANICAL**

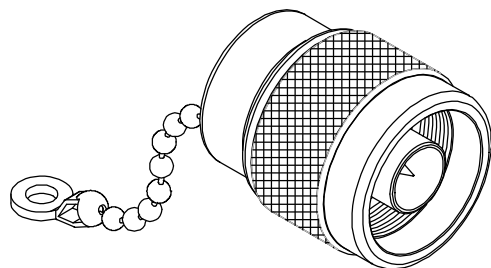
<b>TYPE N CONNECTOR</b>	PASSIVATED STAINLESS STEEL
<b>CONDUCTORS</b>	GOLD PLATED BERYLLIUM COPPER
<b>DIELECTRIC</b>	TEFLON

**RoHS COMPLIANT DEVICE**

DESIGNED TO MEET ENVIRONMENTAL REQUIREMENTS OF MIL-DTL-39030

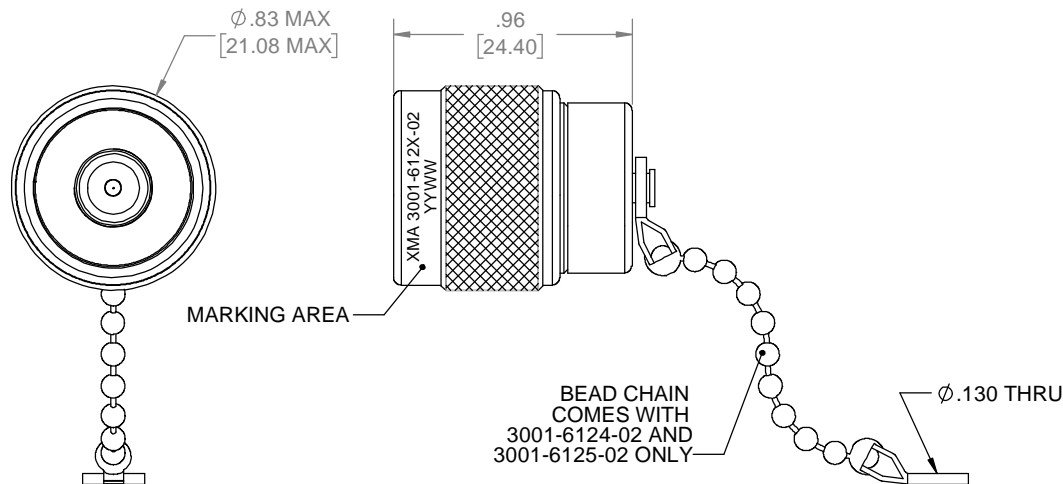
**MARKING**

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



PART NUMBER	FREQUENCY
3001-6120-02	DC - 18GHz
3001-6121-02	DC - 12.4GHz
3001-6124-02	DC - 18GHz*
3001-6125-02	DC - 12.4GHz*

\* COMES WITH CHAIN SHOWN



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
D	REVISED VSWR AND DIAMETER		1/14/10	DS
E	ADDED MARKING; UPDATE FORMAT	16-256	12/28/16	T.KUHN

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	3001-612X-02	TERMINATION, N-m, 2W	
1	TA-3001-612X-02U	ASSEMBLY, TERMINATION, N-m, 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 μINCHES	63 ✓
FINISH:	
SEE NOTES	
MATERIAL:	
SEE NOTES	
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 ±0°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
SAUNDERS	1/14/10
CHECKED	DATE
ENG. APPR.	DATE
SAUNDERS	1/14/10
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, 2W**

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	3001-612X-02	E
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	