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## ELECTRICAL

## SPECIFICATIONS

FREQUENCY RANGE \_\_\_\_\_ SEE TABLE  
VSWR \_\_\_\_\_ SEE TABLE  
IMPEDANCE \_\_\_\_\_ 50 OHMS  
TEMPERATURE RANGE \_\_\_\_\_ -65°C TO +125°C  
POWER (AVG) \_\_\_\_\_ 1 WATT  
POWER DERATES LINEARLY FROM +45°C TO <10% @ +125°C  
POWER (PEAK) \_\_\_\_\_ 500 WATTS  
(<5 µ SEC PW, <1% DUTY CYCLE)

## MECHANICAL

INNER CONDUCTOR: \_\_\_\_\_ BERYLLIUM COPPER PER  
ASTM B196 & B197.  
OUTER CONDUCTOR: \_\_\_\_\_ STAINLESS STEEL, PER ASTM  
A484 & A582, CLASS 303, COND. A.  
DIELECTRIC: \_\_\_\_\_ TEFLON PER ASTM D1710.

## FINISH

INNER CONDUCTOR: \_\_\_\_\_ GOLD PLATED PER MIL-PRF-39012.

HOUSING/COUPLING NUT FINISH PER SUFFIX (REPLACING -0X IN P/N)  
-00 OUTER CONDUCTOR/NUT GOLD PLATED  
-02 OUTER CONDUCTOR/NUT PASSIVATED SS  
-01 OUTER CONDUCTOR GOLD PLATED, NUT PASSIVATED SS

ADD "C" TO THE END OF PART NUMBER FOR CHAINED UNITS. (EXCLUDING  
PARTS 2001-6105-0X AND 2001-6115-0X)

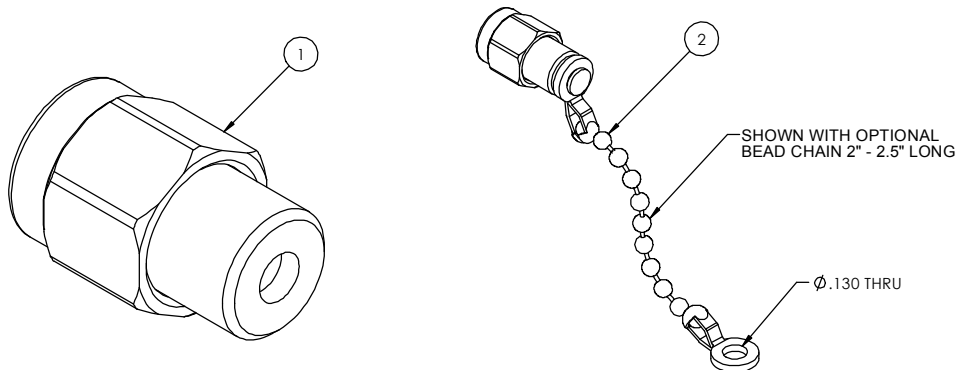
**\*\* EXCEPTION FOR THE 200X-6151-02, OUTER HOUSING IS GOLD PLATED  
AND NUT IS PASSIVATED**

CONNECTOR INTERFACE COMPLIES WITH MIL-PRF-39012 AND MIL-STD-348  
FOR SMA MATING CHARACTERISTICS.

RoHS COMPLIANT DEVICE

## 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.

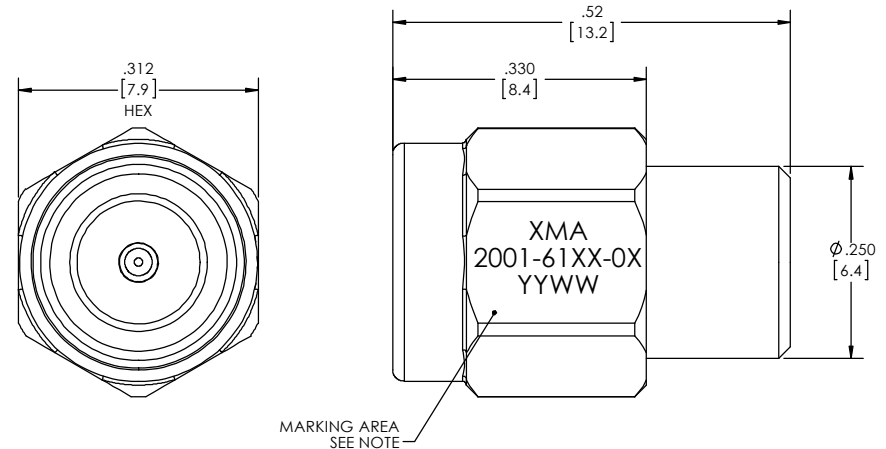


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
H	MODIFIED TABLE; 2001-6143-0X	15-245	8/11/15	T.KUHN
J	REVISED MARKING AREA	15-297	10/7/15	T.KUHN
K	ADDED ** NOTE TO TABLE; LENGTH TOL	16-143	6/23/16	T.KUHN
L	REVISED TITLE AND FREQ. SPEC TO "SEE TABLE"	16-199	9/28/16	T.KUHN

FREQUENCY (GHz)	VSWR DC-4 (GHz)	VSWR 4-12.4 (GHz)	VSWR 12.4-18 (GHz)	VSWR 18-26.5 (GHz)	PART NUMBER
DC-4	DC-1 1.05:1 2-4 1.10:1	-	-	-	2001-6151-0X**
DC-12.4	1.05:1	1.05:1	-	-	2001-6116-0X
DC-18	1.05:1	1.10:1	1.25:1	-	2001-6144-0X
	1.05:1	1.15:1	1.15:1	-	2001-6105-0X *
	1.05:1	1.15:1	1.15:1	-	2001-6100-0X
	1.05:1	1.15:1	1.20:1	-	2001-61010X
	1.05:1 +0.01 f (GHz) DC - 18GHz			-	2001-6143-0X
	1.05:1	1.05:1	1.05:1	-	2001-6118-0X
	1.05:1	1.05:1	1.10:1	-	2001-6117-0X
	1.10:1	1.10:1	1.10:1	-	2001-6111-0X
	1.05:1	1.15:1	1.20:1	-	2001-6112-0X
	1.10:1	1.20:1	1.30:1	-	2001-6113-0X
DC-26.5	1.10:1	1.20:1	1.30:1	-	2001-6115-0X *
	1.05:1	1.10:1	1.20:1	1.30:1	2001-6110-0X
1.05:1 + .007f (GHz) DC TO 26.5 GHz					2001-6119-0X

\* WITH 2" TO 2.5" MONEL BEAD CHAIN

\*\* EXCEPTION FOR THE 200X-6151-02, OUTER HOUSING IS GOLD PLATED AND NUT IS PASSIVATED




NO CHAIN	CHAIN	PART NUMBER	DESCRIPTION	ITEM NO.
		2001-61XX-0X	TERMINATION, SMA-m	
1	-	TA-2001-6000-0XYYU	ASSEMBLY, TERMINATION, SMA-m, UNMARKED	1
-	1	TA-2001-6000-0XYYUC	ASSEMBLY, TERMINATION, SMA-m, CHAINED, UNMARKED	2

DRAWING PRACTICES PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	63
SURFACE ROUGHNESS INCHES	
FINISH:	
SEE NOTES	
MATERIAL:	
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.		
DO NOT SCALE PRINT		

DRAWN MCCORMICK 10/16/14	DATE 10/16/14
CHECKED MCCORMICK 10/16/14	DATE 10/16/14
ENG APPR. T.KUHN	DATE 10/16/14
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		Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
TITLE TERMINATION, SMA-m			
SIZE C	CAGE CODE 3HT76	DRAWING NUMBER 2001-61XX-0X	REV L
SCALE		SHEET 1 of 1	

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TEMPLATE REV A