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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC - 26.5 GHz

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

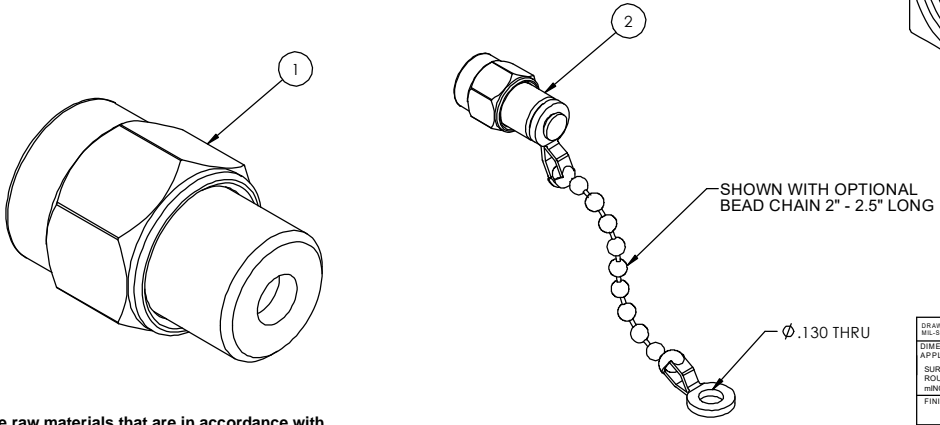
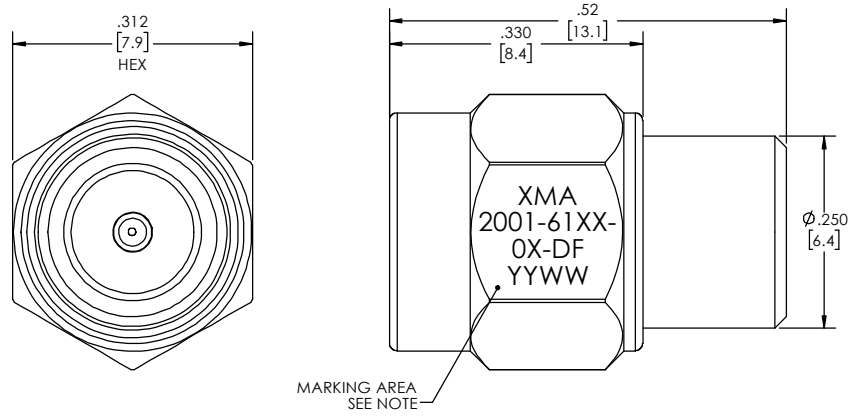
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR AND READABLE.
YYWW EQUALS DATE CODE.

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
D	ADDED ** NOTE TO TABLE; LENGTH TOL	16-143	6/23/16	T.KUHN
E	REMOVED 2001-6118-0X	17-046	4/11/17	T.KUHN
F	4-12.4GHz VSWR WAS 1.05:1, 6116 AND 6117	18-121	8/13/18	T.KUHN
G	CHANGED VSWR FOR -6117 & -6111	20-027	2/20/20	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	-	-	-	2001-6151-02-DF**	
DC-12.4	1.05:1	1.10:1	-	-	2001-6116-0X-DF	
DC-18	1.05:1	1.10:1	1.25:1	-	2001-6144-0X-DF	
	1.05:1	1.15:1	1.15:1	-	2001-6105-0X-DF *	
	1.05:1	1.15:1	1.15:1	-	2001-6100-0X-DF	
	1.05:1	1.15:1	1.20:1	-	2001-6101-0X-DF	
	1.05:1 +0.01 f (GHz) DC - 18GHz				-	2001-6143-0X-DF
	1.05:1	1.10:1	1.15:1	-	2001-6117-0X-DF	
	1.10:1	1.10:1	1.15:1	-	2001-6111-0X-DF	
	1.05:1	1.15:1	1.20:1	-	2001-6112-0X-DF	
	1.10:1	1.20:1	1.30:1	-	2001-6113-0X-DF	
DC-26.5	1.05:1	1.10:1	1.20:1	1.30:1	2001-6110-0X-DF	
	1.05:1 + .007f (GHz) DC TO 26.5 GHz				2001-6119-0X-DF	

*** 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-DF	TERMINATION, SMA-m, DC-26.5 GHz	
1	-	TA-2001-6000-0XYY-DFU	ASSEMBLY, TERMINATION, SMA-m, DC-26.5 GHz, UNMARKED	1
-	1	TA-2001-6000-0XYY-DFUC	ASSEMBLY, TERMINATION, SMA-m, DC-26.5 GHz, CHAINED, UNMARKED	2

DRAWING PRACTICES PER ANSI Y14.5
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING

SURFACE FINISH: 63

FINISH: ✓

MATERIAL: _____

NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.

UNLESS OTHERWISE SPECIFIED TOLERANCES IN: INCH (MM)

DECIMALS .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: MCCORMICK DATE: 2/5/15
CHECKED: MCCORMICK DATE: 2/5/15
ENG APPR: T.KUHN DATE: 2/5/15

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TERMINATION, SMA-m, DC-26.5 GHz, DFARS

SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	2001-61XX-0X-DF	G

PLATED AREA 50 IN

SHEET 1 OF 1

This unit 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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