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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC - 25.6 GHz
VSWR _____ SEE TABLE
IMPEDANCE _____ 50 OHMS
TEMPERATURE RANGE _____ 4 KELVIN TO +125°C
POWER (AVG) _____ 1 WATTS
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

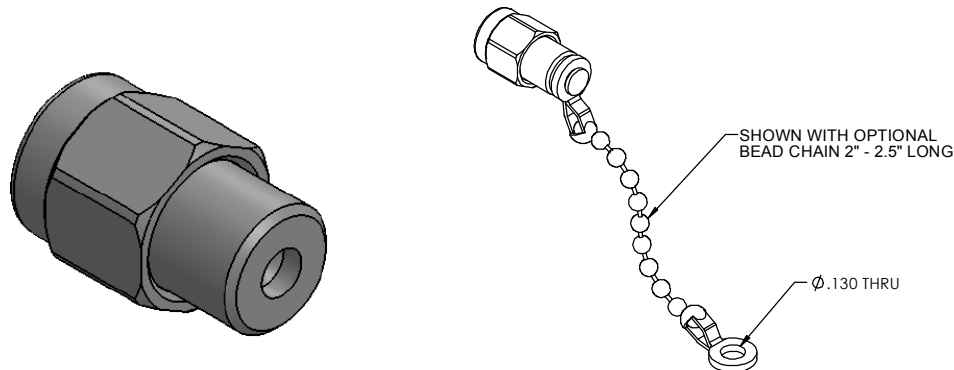
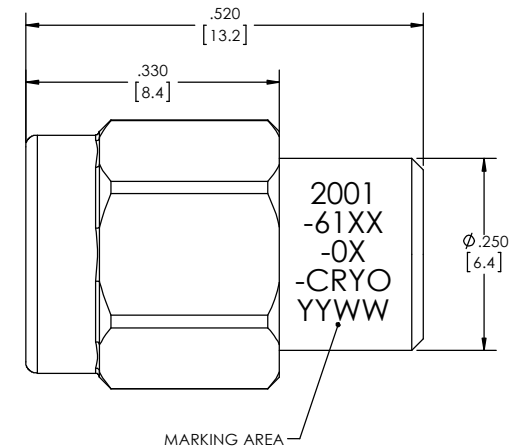
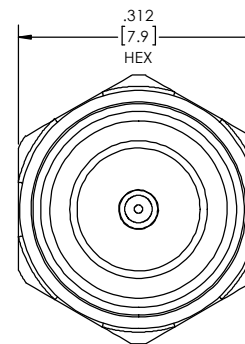
ADD C FOR 2-2.5" CHAIN ATTACHED

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

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.

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-CRYO
DC-12.4	1.05:1	1.05:1	-	-	2001-6116-0X-CRYO
DC-18	1.05:1	1.10:1	1.25:1	-	2001-6144-0X-CRYO
	1.05:1	1.15:1	1.15:1	-	2001-6105-0X-CRYO
	1.05:1	1.15:1	1.15:1	-	2001-6100-0X-CRYO
	1.05:1	1.15:1	1.20:1	-	2001-61010X-CRYO
	1.09:1	1.17:1	1.23:1	-	2001-6143-0X-CRYO
	1.05:1	1.05:1	1.05:1	-	2001-6118-0X-CRYO
	1.05:1	1.05:1	1.10:1	-	2001-6117-0X-CRYO
	1.10:1	1.10:1	1.10:1	-	2001-6111-0X-CRYO
	1.05:1	1.15:1	1.20:1	-	2001-6112-0X-CRYO
	1.10:1	1.20:1	1.30:1	-	2001-6113-0X-CRYO
DC-26.5	1.05:1	1.10:1	1.20:1	1.30:1	2001-6110-0X-CRYO
	1.05:1 + .007f (GHz) 1.05 @ DC TO 1.24 @ 26.5 GHz				2001-6119-0X-CRYO



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
	2001-61XX-0X-CRYO	TERMINATION, SMA-m, DC-26.5 GHz	
1	TA-2001-6000-0XYYU	ASSEMBLY, TERMINATION, SMA-m, DC-26.5 GHz, UNMARKED	1

DRAWING PRACTICES PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	SURFACE ROUGHNESS INCHES 63	FINISH: SEE NOTES	MATERIAL: SEE NOTES	NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.
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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.F.	DO NOT SCALE PRINT
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DRAWN MCCORMICK 11/20/11	DATE 11/20/11
CHECKED MCCORMICK 11/20/11	DATE 11/20/11
ENG APPR. T.KUHN	DATE 11/20/11
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TERMINATION, SMA-m, DC-26.5 GHz			
SIZE C	CAGE CODE 3HT76	DRAWING NUMBER 2001-61XX-0X-CRYO	REV B
SCALE		SHEET 1 OF 1	

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TEMPLATE REV A