

**SPECIFICATIONS**

**ELECTRICAL**

FREQUENCY RANGE \_\_\_\_\_ DC - 18 GHz

VSWR  
 DC - 4 GHz \_\_\_\_\_ 1.10:1 MAX  
 4 - 12.4 GHz \_\_\_\_\_ 1.15:1 MAX  
 12.4 - 18 GHz \_\_\_\_\_ 1.25:1 MAX

IMPEDANCE \_\_\_\_\_ 50 OHMS

TEMPERATURE RANGE (°C) \_\_\_\_\_ -65 TO +125 (+150°C STORAGE)

POWER (AVG) \_\_\_\_\_ 1 WATT @ 25°C  
 POWER DERATES LINEARLY TO 0% @+125°C

POWER (PEAK) \_\_\_\_\_ 500 WATTS  
 (<5 μ SEC PW, 0.05% DUTY CYCLE)

**MECHANICAL**

CONTACT \_\_\_\_\_ BeCu PER ASTM B196 & B197.

HOUSING \_\_\_\_\_ STEEL, CORROSION RESISTANT PER  
 ASTM A484 & A582, CLASS 303, COND. A.

DIELECTRIC \_\_\_\_\_ TEFLON PER ASTM D1710.

**FINISH**

CONTACT \_\_\_\_\_ GOLD PLATED PER MIL-PRF-39012.

HOUSING FINISH PER SUFFIX (REPLACING -XX IN P/N)  
 -00 OUTER CONDUCTOR GOLD PLATED  
 -02 OUTER CONDUCTOR PASSIVATED SS

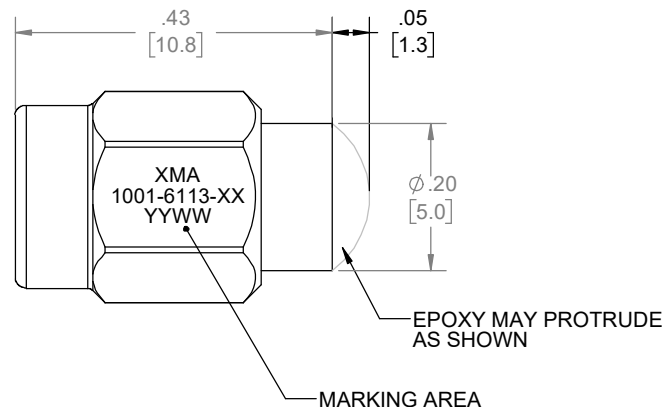
CONNECTOR INTERFACE COMPLIES WITH MIL-PRF-39012 AND MIL-STD-348 FOR SMA MATING CHARACTERISTICS.

**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.

**REVISIONS**

REV	DESCRIPTION	ECO #	DATE	APPROVED
E	REVISED LAYOUT		5/31/11	DS
F	ADDED MARKING/REMOVED TABLE	15-279	9/22/15	T.KUHN
G	ADDED XMA TO MARKING	15-325	11/9/15	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	1001-6113-XX	TERMINATION, SSMA-m, DC-18GHz, 1W	
1	TA-1001-6113-0XU	ASSY, TERMINATION, SSMA-m, DC-18GHz, 1W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000

DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING

SURFACE ROUGHNESS  $\mu$ 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 ±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  
**MCCORMICK** 5/16/11

CHECKED DATE  
**MCCORMICK** 5/25/11

ENG. APPR. DATE  
**T.KUHN** 5/25/11

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TERMINATION, SSMA-m, DC-18 GHz, 1W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	1001-6113-XX	G
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	