

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

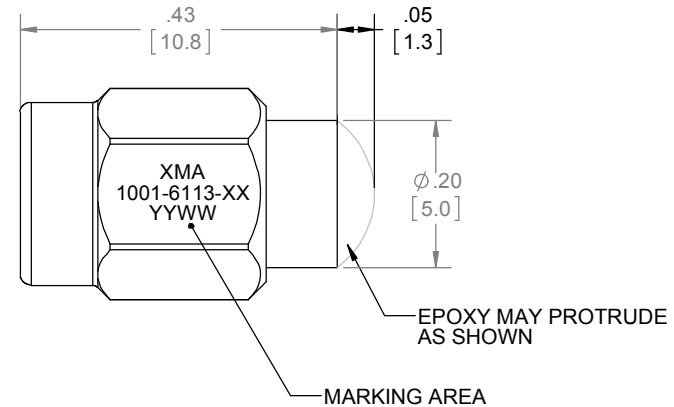
CONNECTOR INTERFACE COMPLIES WITH MIL-PRF-39012 AND MIL-STD-348 FOR SMA MATING CHARACTERISTICS.

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 μINCHES	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

Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101

TITLE			
TERMINATION, SSMA-m, DC-18 GHz, 1W			
SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	1001-6113-0X	G
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

5
4
3
2
1

5
4
3
2
1

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1

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1

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1