

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ DC - 18 GHz  
 VSWR \_\_\_\_\_  
 DC - 18 GHz \_\_\_\_\_ 1.15 +(0.0111) \*f (GHz)  
 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.  
 RECOMMENDED MATING TORQUE \_\_\_\_\_ 2 IN LB MAX

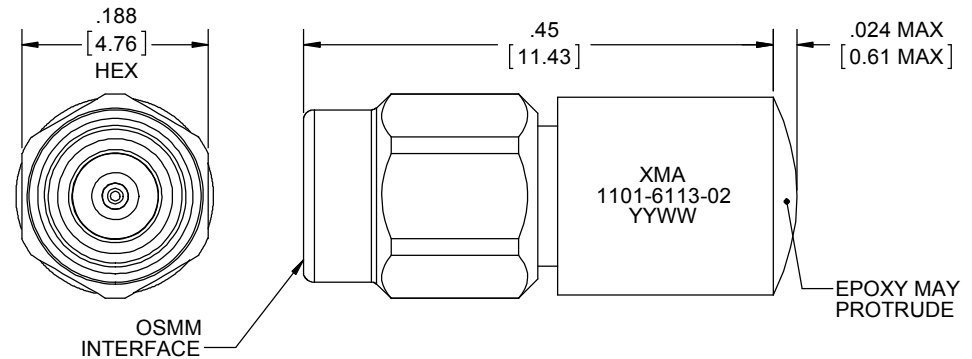
FINISH

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

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
-	INITIAL RELEASE	16-155	7/15/16	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	1101-6113-02	TERMINATION, OSMm-m, DC-18GHz, 1W	
1	TA-1101-6113-02U	ASSY, TERMINATION, OSMm-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 **63**  
 μINCHES  
 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** 10/29/15  
 CHECKED DATE  
**MCCORMICK** 7/14/16  
 ENG. APPR. DATE  
**BA** 7/14/16  
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 TITLE  
**TERMINATION, OSMm-m, DC-18 GHz**

SIZE <b>B</b>	CAGE CODE <b>3HT76</b>	DRAWING NUMBER <b>1101-6113-02</b>	REV -
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	