

5	4	3	2	1
SPECIFICATIONS			REVISIONS	
ELECTRICAL			REV	DESCRIPTION
FREQUENCY RANGE_____DC - 18 GHz			-	INITIAL RELEASE
VSWR				
DC - 4 GHz_____1.05:1 MAX				
4 - 8 GHz_____1.10:1 MAX				
8 - 12.4 GHz_____1.15:1 MAX				
12.4 - 18 GHz_____1.20:1 MAX				
IMPEDANCE_____50 OHMS				
TEMPERATURE RANGE_____4 KELVIN TO +100°C				
100°C STORAGE				
POWER (AVG)_____2 WATTS				
POWER DERATES LINEARLY FROM +45°C TO <10% @+125°C				
MECHANICAL				
INNER CONDUCTOR_____BERYLLIUM COPPER PER				
ASTM B196 & B197.				
OUTER CONDUCTOR_____C101 COPPER				
DIELECTRIC_____TEFLON PER ASTM D1710.				
FINISH				
INNER CONDUCTOR_____GOLD PLATED PER MIL-PRF-39012.				
HOUSING/COUPLING NUT_____GOLD PLATED WITH WHITE BRONZE				
UNDERPLATE (NO NICKEL)				
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.				
NOTES:				
1. INDIVIDUAL PACKAGING TO PREVENT DAMAGE.				
DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000			QTY.	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING			PART NUMBER	
SURFACE ROUGHNESS μINCHES			DESCRIPTION	
63			ITEM NO.	
FINISH:			1	
SEE NOTES			2001-7010C-CRY0	
MATERIAL:			TERMINATION, SMA-m, DC-18GHz, 2W	
SEE NOTES			1	
NOTE:			TA-2001-7000C-XXU-CRYO	
THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.			ASSEMBLY, TERMINATION, SMA-m, DC- 18GHz, 2W, UNMARKED	
INTERPRET IAW ANSI Y14.5-1982			1	
UNLESS OTHERWISE SPECIFIED TOLERANCES IN:			DATE	
DECIMALS INCH [MM]			MCCORMICK 8/13/20	
.X" .05" [1.27]			CHECKED DATE	
.XX" .03" [.76]			MCCORMICK 8/13/20	
.XXX" .010" [.25]			ENG. APPR. DATE	
ANGLES ±0°30'			T.KUHN 8/13/20	
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"			THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.	
UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.			TERMINATION, SMA-m, DC-18GHz, 2W, CRYO	
DO NOT SCALE PRINT			SIZE	
			B	
			CAGE CODE	
			3HT76	
			DRAWING NUMBER	
			2001-7010C-CRYO	
			REV	
			-	
			SCALE	
			PLATED AREA SQ. IN	
			SHEET 1 OF 1	
			1	

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	23-099	10/2/23	CM

MARKING AREA
SEE NOTE

TERMINATION, SMA-m, DC-18GHz, 2W, CRYO