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SPECIFICATIONS

ELECTRICAL

IMPEDANCE _____ 50 OHMS.

FREQUENCY RANGE_____DC TO 18 GHz

VSWR 1.25:1 MAX

MECHANICAL

HOUSING _____ C101 COPPER, GOLD
PLATED WITH WHITE
BRONZE UNDERPLATE
(NO NICKEL)

DIELECTRIC_____PTFE (TEFLON) IAW
ASTM-D1710

CENTER CONTACT_____BeCu, GOLD PLATED

ENVIROMENTAL

TEMPERATURE RANGE 4 KELVIN TO +100° C

MARKING

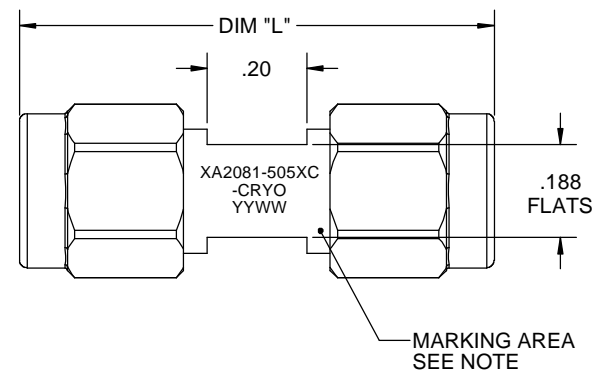
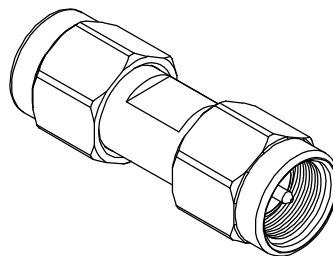
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
YYWW EQUALS DATE CODE .

ORDERING

REPLACE "X" WITH APPROPRIATE NUMBER FROM CHART BELOW.



THESE ADAPTERS ARE MADE AS A SYSTEM THAT WORKS 0.5-18 GHz

PART #	DIM "L" ±.030	REFERENCE LENGTH
XA2081-5050C-CRYO	.955	.723
XA2081-5051C-CRYO	1.087	.855
XA2081-5052C-CRYO	1.917	1.685



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
X1	PRELIMINARY RELEASE	23-NP027	11/14/23	PIERSON

0 dB	PART NUMBER	DESCRIPTION	ITEM NO.
X	XA2081-505XC-CRYO	ADAPTER, SMA-m/m, DC-18 GHz, CRYO	
-	TA-XA2081-505XCU-CRYO	ASSY, ADAPTER, SMA-m/m, DC-18 GHz, CRYO, UNMARKED	

DRAWING PRACTICES PER ANSI-Y14.5 MIL STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS μINCHES	63 ✓
FINISH:	
SEE NOTES	
MATERIAL:	
SEE NOTES	
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 $\pm 0^{\circ}30'$
 REMOVE ALL BURRS/SHARP W/
 BREAK / R OF .003" TO .0005"
 UNLESS OTHERWISE NOTED
 DIAS CONCENTRIC $< .003$ T.I.

DO NOT SCALE PRINT

DRAWN	DATE
MCCORMICK	11/7/23
CHECKED	DATE
MCCORMICK	11/7/23
ENG. APPR.	DATE
PIERSON	11/7/23

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Phone: 603-222-2256 Fax: 603-222-2259
7 Perimeter Road, Manchester, NH 03103

ADAPTER, SMA-m/m, DC-18GHz, CRYO

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER XA2081-505XC-CRYO	REV X1
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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