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

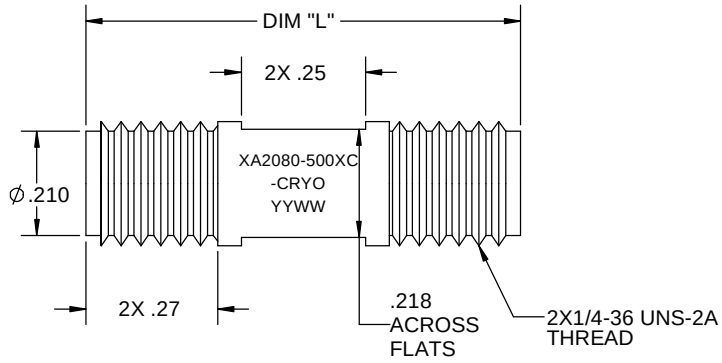
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
YYWW EQUALS DATE CODE .

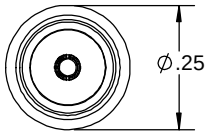
ORDERING

REPLACE "X" WITH APPROPRIATE NUMBER FROM CHART BELOW.

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

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
X5	100°C STORAGE WAS 150°C	22-NP032	8/22/22	DEL
X6	ADDED TO SPECIFICATIONS	22-NP032	3/24/23	DEL
X7	CHANGED TA # IN BOM	22-NP032	4/20/23	JIM W
X8	ADDED "C" INTO P/N	23-NP027	5/9/23	DEL





PART #	DIM "L" ±.030	REFERENCE LENGTH
XA2080-5001C-CRYO	.875"	.723"
XA2080-5002C-CRYO	1.007"	.855"
XA2080-5003C-CRYO	1.837"	1.685"

0 dB	PART NUMBER	DESCRIPTION	ITEM NO.
X	XA2080-500XC-CRYO	ADAPTER, SMA-f/f, DC-18 GHz, CRYO	
-	TA-XA2080-504XCU-CRYO	ASSY, ADAPTER, SMA-f/f, DC-18 GHz, CRYO, UNMARKED	

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 MCCORMICK DATE 2/5/21
CHECKED MCCORMICK DATE 2/5/21
ENG. APPR. JIM W DATE 2/5/21

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

TITLE
ADAPTER, SMA-f/f, DC-18 GHz, CRYO

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XA2080-500XC-CRYO	X8

SCALE | PLATED AREA SQ. IN | SHEET 1 OF 1