

8 7 6 5 4 3 2 1



MAT'L - GLID-COP

2X ULTRA - HIGH VACUUM
TIGHT EXPLOSIVE BONDING
(FULL AREA - ULTRA SONIC TEST NEEDED)

2X 5.25 [0.21] +0.50 [.020]
-0.00 [.000]

/// 0.125 C

71.00 [2.80] +0.50 [.020]
-0.00 [.000]

-C- 0.125



-A- 0.125

/// 0.125 A

35.00 [1.38] +0.50 [.020]
-0.00 [.000]

2X 5.25 [0.21] +0.50 [.020]
-0.00 [.000]

4X MAT'L - 304 STAINLESS STEEL

385.50 [15.18] +0.50 [.020]
-0.00 [.000]
2X ULTRA - HIGH VACUUM
TIGHT EXPLOSIVE BONDING
(FULL AREA - ULTRA SONIC TEST NEEDED)

/// 0.125 B

-B- 0.125

- NOTES:
1. THIS DRAWING IS FOR EXPLOSIVE BONDING USE ONLY.
 2. THIS IS A ULTRA - HIGH WELDMENT ASSEMBLY (UHV) ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING , THE ASSEMBLY MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOW DOWN.
 3. ASSEMBLY SHALL BE ULTRASONICALLY TESTED AND CERTIFIED. CERTIFICATION OF ULTRA SONIC TEST SHALL BE SIGNED BY A CONTRACTOR REPRESENTATIVE TO SIGN SUCH CERTIFICATION
 4. ALL SURFACE FINISHES TO BE $\sqrt{0.125}$
 5. DIMENSIONS IN [] ARE INCHES AND FOR REF. ONLY

2	X -7 WAS .X -762			
	X.X -25 WAS .XX -25			
	X.XX -12 WAS .XXX -127	M.J.M		
1	B WAS A	M.J.M		
DATE	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISES			

ITEM	SYMBOL / QUANTITY	NUMERICAL OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
A25349A2				
ADVANCED PHOTON SOURCE				
MUSCIA				
UNDULATOR FRONT END				
PHOTON STOP RIGHT				
DATE	BY	CHKD	DATE	
9/10/96	D. SHU		10/18/96	
DATE	BY	CHKD	DATE	
10/18/96	M. KUZAY		10/18/96	
DATE	BY	CHKD	DATE	
9/10/96	D. SHU		10/18/96	
SEE ABOVE				
SCALE: 1:1				DATE: 10/18/96
PART: 12				REV: D
P4105091005-400102-02				

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