



4X (2X BOTH FLANGES)
1/4-20 X 1.0 DP
⊕ Ø .014 ABC

4x 35° (22.5°)
(2X BOTH FLANGES)

6X (3X BOTH FLANGES)
1/4-20 X 1.0 DP
⊕ Ø .014 ABC

REV	ITEM	PART NO	DESCRIPTION
1	1	25B0696	ROUGH VACUUM CHAMBER
6	2		1 1/2" KF FLANGE MDC 713003
3	3		1 1/2" OD X 0.625 W SST TUBING
3	4		8" TUBE ISO FLANGE MDC 813003
5	5		8" X 120 W SST TUBING
3	6	25B0076	FLAT FLANGE
7	7		3/16 STAINLESS STEEL PLATE

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		LAWRENCE BERKELEY LABORATORY	
SIZE DECIMALS	XX ± .030	ACCT NO	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	ASSEMBLY
ANGLES	1°	NO	NO	SNS-FE ION SOURCE AND LEBT	MECHANICAL SYSTEMS
FINISH	125.7	RECD	RECD	VACUUM CHAMBER-LEBT TEST STAND	
THREADS	CLASS 2	DATE	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
CHAMFER	END OF ALL SCREW THREADS 30°	BY	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
CUT	1.5 PITCH FWD RELIEF WITH ROUND NOSE TOOL	CHK	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
ON MACHINE	CUT THREADS	DATE	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
BREAK EDGES	.016 MAX. ON MACHINED WORK	DATE	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
REMOVE BARBS	WELD SPATTER & LOOSE SCALE	DATE	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
REFERENCES	ANSI Y14.5 & B46.1	DATE	DATE	UNIVERSITY OF CALIFORNIA-BERKELEY	
A	DWC	11/9/99	SEE PAGE 2	UNIVERSITY OF CALIFORNIA-BERKELEY	
REV	DWG	CHK	ZONE	DATE	CHANGES

25B0786A