

4

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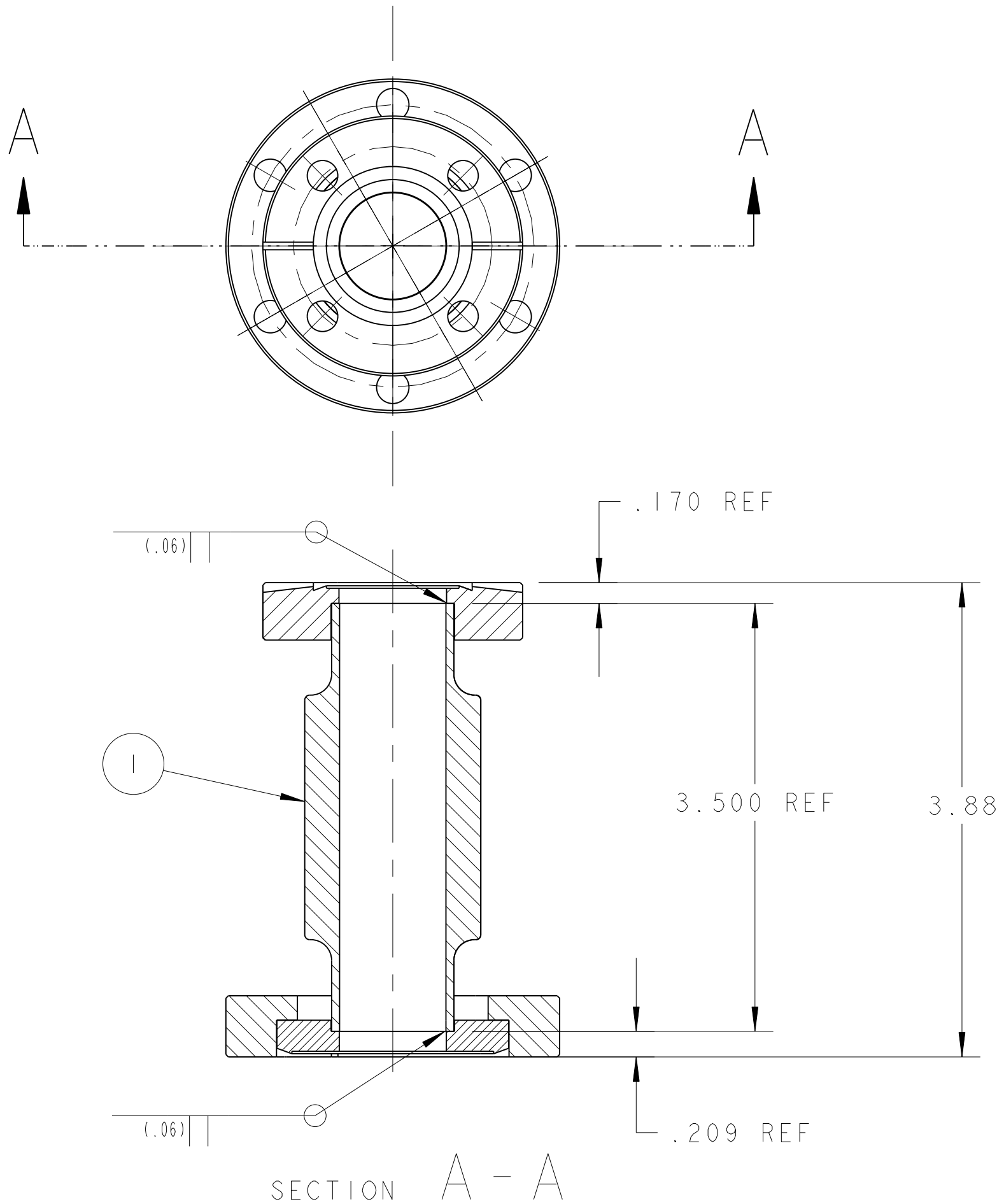
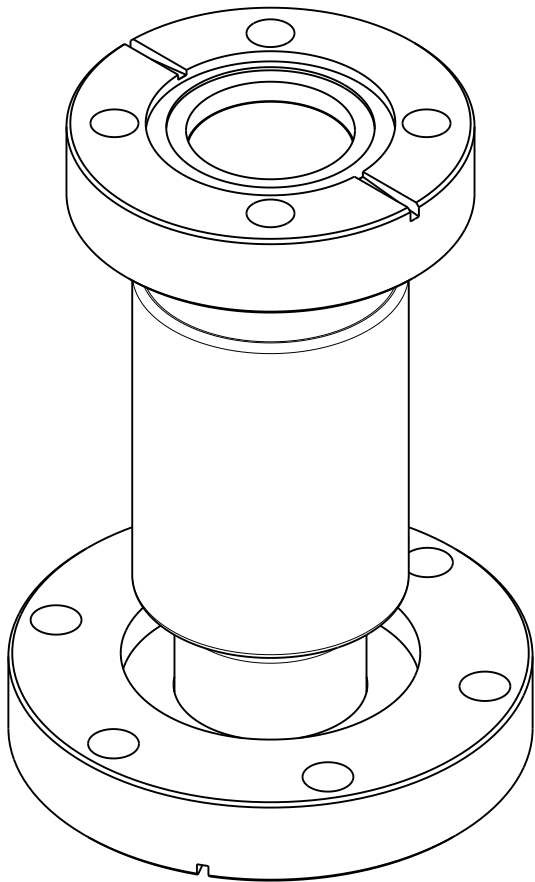
D

C

B

A

NOTES (UNLESS OTHERWISE SPECIFIED):
1) DIMENSIONS IN INCHES
2) ASSEMBLE IN CLEAN ENVIRONMENT.
AFTER ASSEMBLY, WRAP TO MAINTAIN CLEANLINESS.
3) FINISHED WELDMENT TO BE VACUUM TIGHT.
LEAK RATE NOT TO EXCEED 10⁻⁸ TORR L/SEC HE.
4) UHV CLEANING AND PACKAGING REQUIRED.



4

3

DWG. NO. 25B7383
SIZE A
REV. 1

1

A	PAL	DPO		11/12/01	INITIAL RELEASE
REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED	
PROJECTION:	
TOLERANCES	X.X ± 0.1 FRAC. ± 1/64
	X.XX ± 0.01 Angles ± 0.1°
	X.XXX ± 0.005 FINISH
DO NOT SCALE PRINT	
THREADS ARE CLASS 2	
CHAMFER ENDS OF ALL SCREW TREADS 30°	
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS	
BREAK EDGES .016 MAX. ON MACHINED WORK	
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE	
IN ACCORDANCE WITH ASME Y14.5M & B46.1	

5	MDC_130007	I	FLANGE, CONFLAT, 2-1/8" OD, THD HOLE, NON-ROT, 1" ID	-
2	MDC_100012	I	FLANGE, CONFLAT, 2-3/4" OD, CL HOLE, ROT, 1" ID	-
1	MDC_470503	I	BELLOWS, FORMED, 1" OD, MDC_470502	-
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
ACCT NO.		NO. REQD	SER NO.	-
DEL TO		DATE ISSD	DATE REQD	-
SURFACE TREATMT		IDENT METHOD TAG		
PROJECT NUMBER		PROJECT NAME		
DWG BY		DATE		30-Oct-01
CHK BY		DATE		11/12/01
APR BY		DATE		11/12/01
SHOP ORDERS			ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY	
			SNS - FES MEBT PM5 VACUUM MANIFOLD SPOOL, BELLOWS, ADAPTER, PM5_VMF	
			MICROFILMED:	DWG. TYPE
PATENT CLEAR:			DESIGN ACCT. NO.	CATEGORY CODE
			-	FE3313
			DWG. NO.	SIZE
			25B7383	A
			DO NOT SCALE PRINTS	REV.
			SHEET 1 OF 1	

D

C

B

A