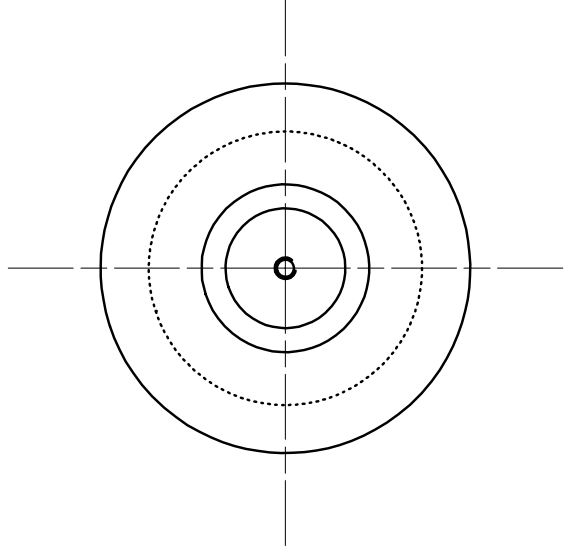
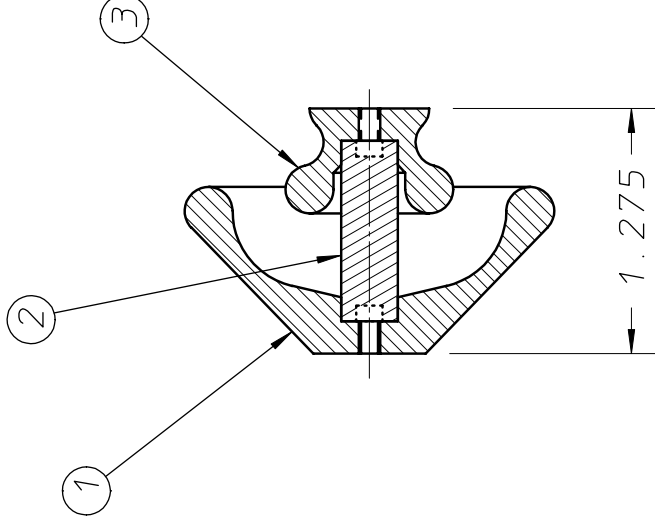
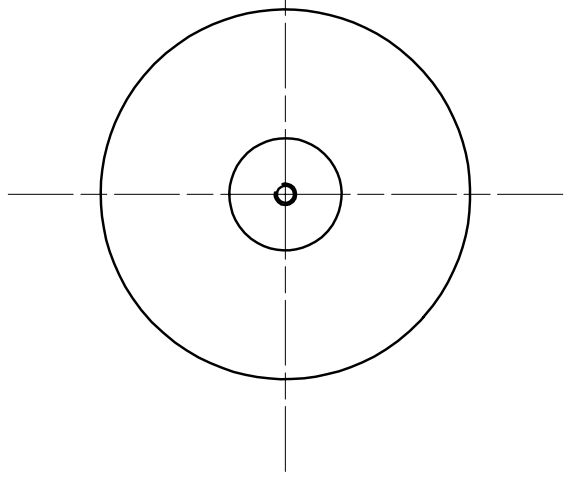


REQD	ITEM	PART NUMBER	DESCRIPTION
1	1	21G7223	EXTRACTOR INSULATOR SHIELD, OUTER
1	2	21G7231	EXTRACTOR INSULATOR STANDOFF
1	3	21G7242	EXTRACTOR INSULATOR SHIELD, INNER

ADDITIONAL NOTES:

- PART (2) IS TO BE JOINED TO PARTS (1) AND (3) USING EPON/VERSAMID EPOXY.
- PRIOR TO JOINING, EPOXY MUST VACUUM PUMPED TO REDUCE GAS CONTENT. REFER TO ENG. NOTE M8000 TITLED, "PREPARING EPON-VERSAMID EPOXY FOR VACUUM SERVICE".
- AFTER CURING, ENSURE THAT NO TRAPPED VOLUMES ARE LEFT IN THE JOINT BY DRILLING AND CHASING THREADS WITH A TAP.



REV	DWN	CHK	DATE	DESCRIPTION
A	DWC		9/15/01	ADDED REFERENCE TO ENG. NOTE M8000 IN NOTE #2.
				DESCRIPTION

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS	
TOLERANCE .X ± .1 .XX ± .01 .XXX ± .010	ACCT NO	SER NO	
SURFACE FINISH 125 ✓	DATE REQD	NO REQD	
1. SAWED, FLAMECUT, SHEARED OR CUT STOCK FINISH.	DELIVER TO		
2. THREADS CLASS 2.	SURFACE TREATMENT DEGREASE		
3. CHAMFER ENDS OF ALL SCREW THRS 30°.	IDENTIFIC TAG		
4. 1 1/2 PITCH RELIEF WITH ROUND NOSE TOOL ON ALL MACHINE CUT THRS.	DWG BY	D. CHENG	DATE 5-20-99
5. BREAK EDGES 1/64 MAX. ON MACHINE WORK.	CHK BY		DATE
6. REMOVE BURRS, LOOSE SCALE AND WELD SPLATTER.			
7. REF. -USASI OR ASA STDS SECT Y-14 & B46-1.			

LAWRENCE BERKELEY LABORATORY			
UNIVERSITY OF CALIFORNIA-BERKELEY			
SNS-FES ION SOURCE AND LEFT MECHANICAL SYSTEMS			
PAT CLEAR	DWG TYPE	SHOWN ON	SCALE: FULL
MICROFILMED	DETAIL	21G7116	DO NOT SCALE PRINTS
	DESIGN ACCT NO	FE3111	DWG NO
	8210-14		REV 21G7282A