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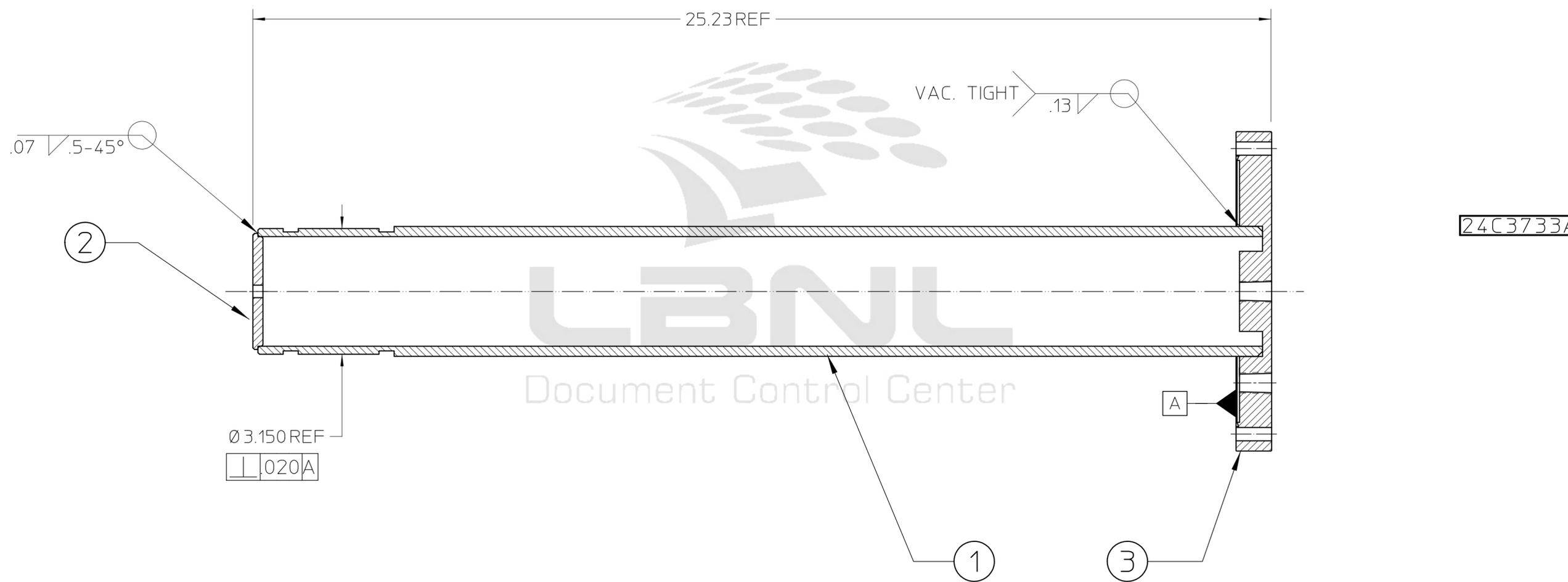
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REQ	ITEM	PART NUMBER	DESCRIPTION
1	1	24C3803	HTS LEAD BODY SIMULATOR
1	2	24C3831	END CAP
1	3	24C3811	TOP FLANGE

NOTES: UNLESS OTHERWISE SPECIFIED,

1. POSITIONAL TOLERANCES AND DATUM FEATURES OF SIZE APPLY REGARDLESS OF FEATURE SIZE.
2. ALL VACUUM WELDS TO BE CONTINUOUS FUSION WELDS UTILIZING THE TIG PROCESS AND DONE IN A CLEAN FACILITY. NO FILLER ROD ALLOWED.
3. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS OR COOLANTS ARE STRICTLY PROHIBITED.
4. USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
5. VACUUM CHECK WITH A HELIUM LEAK DETECTOR. THE LEAK RATE AT ANY LOCATION SHALL NOT EXCEED 1×10^{-9} STD. CC/SEC.
6. DO NOT MACHINE THE VACUUM SEALING SURFACES TO ACHIEVE POSITIONAL TOLERANCES.
7. PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE.



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					UNLESS OTHERWISE SPECIFIED		SHOP ORDERS			LAWRENCE BERKELEY LABORATORY				
					.X ± .1	FRAC. ± 1/64	ACCT. NO.	SERIAL NO.	UNIVERSITY OF CALIFORNIA-BERKELEY					
					.XX ± .01	ANGLES ± 1°	DATE ISSD	DATE RECD.	NO. RECD.	LARGE HADRON COLLIDER, IR FEEDBOX				
					.XXX ± .005	FINISH 125√	DELIVER TO		TEST					
					THREADS ARE CLASS 2		SURFACE TREATMENT			HTS LEAD SIMULATOR ASSEMBLY				
					CHAMFER ENDS OF ALL SCREW THREADS 30°.		DEGREASE			PATENT CLEAR	DWG. TYPE	SHOWN ON	SCALE	DO NOT SCALE PRINTS
					CUT 1.5 PITCH THRO RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.		TAG			MICROFILMED	ASSEMBLY	24C3716	1:2	
					BREAK EDGES .016 MAX. ON MACHINED WORK		DWG. BY	DATE		DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO.	SIZE	REV.
					REMOVE BURRS WELD SPLATTER & LOOSE SCALE		R. LA MANTIA	03-06-00		Z5LCE2	LH2005	24C3733	A	
					REFERENCES: ANSI Y14.5 & B46.1.		CHK. BY	DATE						
							JON ZBASNIK	03-30-00						
A	RLM	A2	ZONE	5.12.00	REMOVED COUNTER BORES									
REV	DWG	CHK	ZONE	DATE	CHANGES									

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