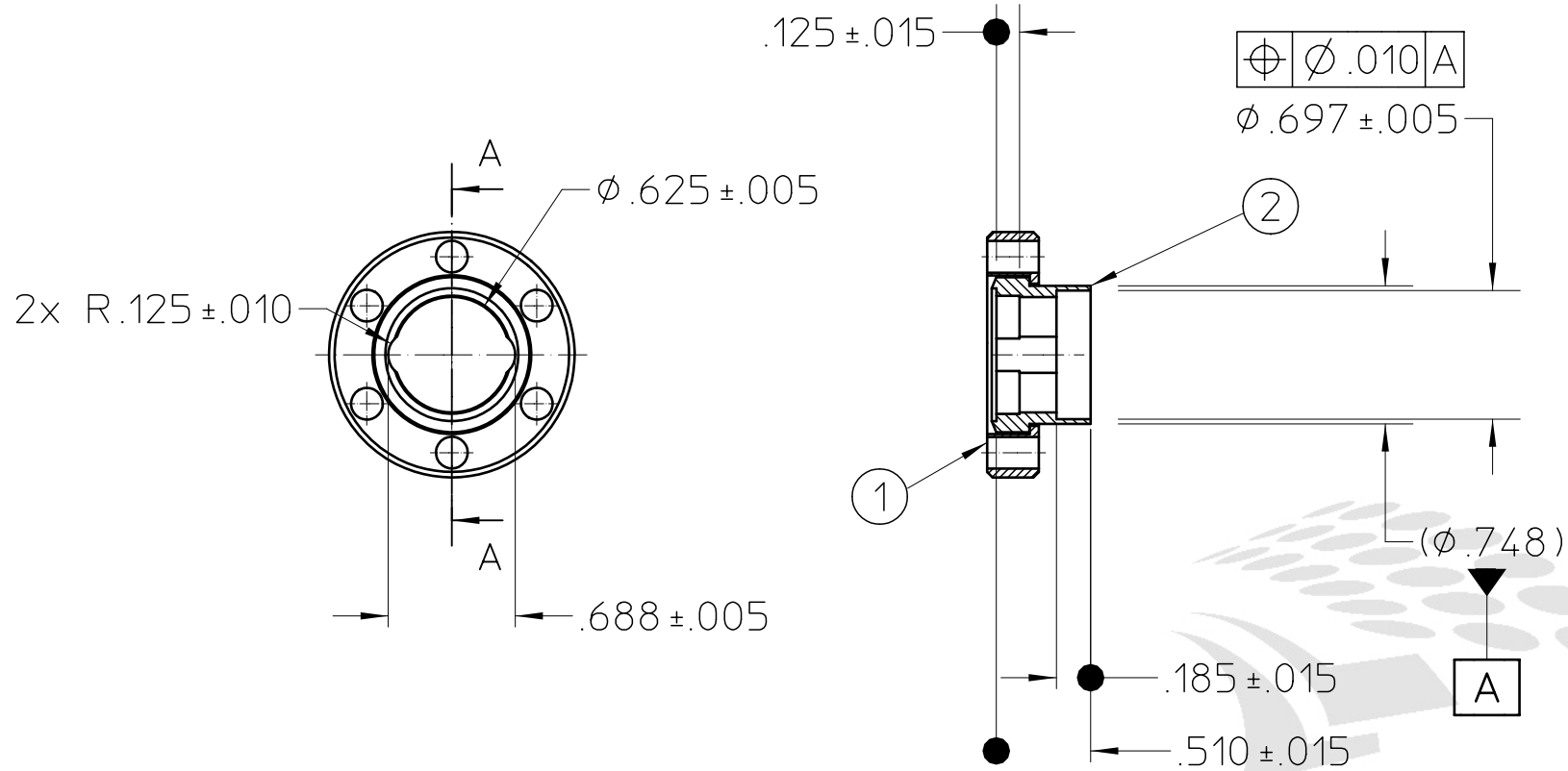


					1		2		MINI CFF CORE, FROM ITEM 1			
					1		1		CFF MINI, ROTATABLE, THRU HOLES (MDC #100004)			
					REQD		ITEM		PART NO.		DESCRIPTION	
					UNLESS OTHERWISE SPECIFIED		PROJECT NAME: Advanced Light Source UNIQUE NUMBER: AL-0005-7916 DO NOT SCALE PRINT SCALE: 1 : 1 THIRD ANGLE PROJECTION		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA ALS - INSERTION DEVICE BEAMLINES BL 11.0.1 MONOCHROMATOR MONO OPTICS CUSTOM MINI CFF			
				TOLERANCES		.X±. - .XX±. -- .XXX±.---						
				FRACTIONS: ± - / --								
				ANGLES: ± 0.5°								
				MACH. SURFS.: 63 ☒ OR BETTER								
B	patton	patton	03-26-20	MOD TO JOHNSEN ULTRAVAC PREF		REF: ASME Y14.5M-1994, THREADS ARE CLASS 2		CATEGORY CODE: AL 4153				
A	knolls	patton	12-19-20	INITIAL REVISION		BREAK EDGES .016 MAX. ON MACHINED WORK						
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION		REMOVE BURRS, WELD SPLATTER & LOOSE SCALE						



SECTION A-A

UNLESS OTHERWISE SPECIFIED,

- 1) DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- 2) THIS IS AN ULTRA HIGH VACUUM (UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 BEFORE PERFORMING ANY FABRICATION.
- 3) PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.