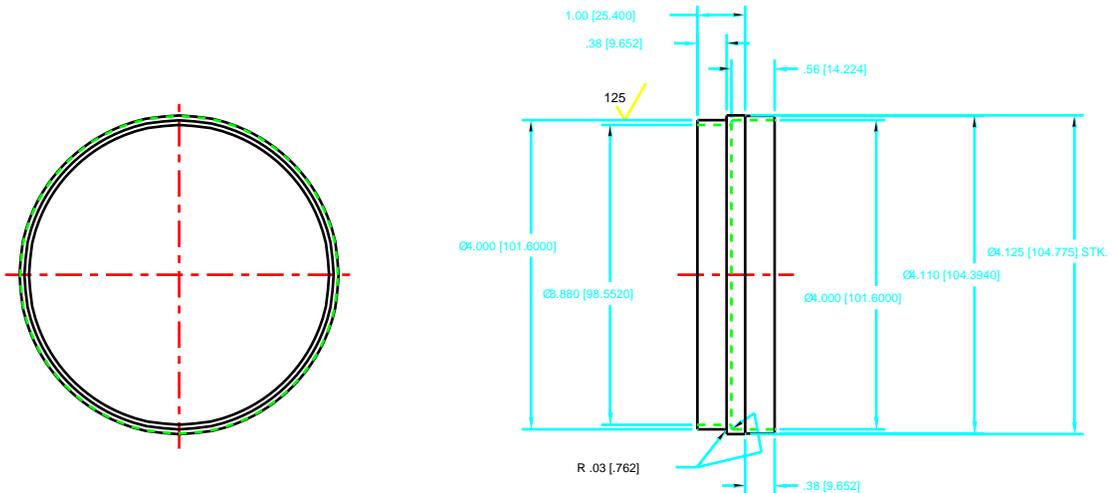


(\varnothing) PLOT SCALE: 1=1 DWG. SCALE: 1



- NOTES:
1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
 2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
 3. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN. THE VACUUM SIDE SURFACE ROUGHNESS SHALL BE BETTER THAN 63 MICRORINCH RMS AFTER ELECTROPOLISHING.
 4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 5. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
 6. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
LOG NUMBER A198392		TITLE ADVANCED PHOTON SOURCE B7 ID BEAM MIS-STEERING SAFETY MONITOR LONG TUBE		
DRAWN BY R. KRAKORA		DATE 5/94	CHIEF DESIGN ENGINEER	DATE
DESIGNER R. KRAKORA		5/94	PROJECT MGR.	
CHECKED BY			OP LEADER	
RESPONSIBLE ENGINEER			APPROVED/RELEASED	
MATERIAL SST 304 0.12 X .120 WALL		SCALE 1:1	SIZE C	DRAWING NUMBER P4105091407-400004-00
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		SHEET 1 of 1		